## WINAT GRAPS



## SLOT

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## WIN AT CRAPS:

This book is your golden ticket to becoming the best Craps player you can be. It will strive to give you a complete account of what it takes to be a successitu Craps player, how the game works and some strategic ways of beating the dealer. At its core, that's what good Craps play is all about -

## WHAT TO EXPECT:

The ebook can be used by both the novice and experienced Craps player; it aims to be concise, easy to follow and includes models and ideas that have been proven to work throughout the better part of the last 40 years. This book will seek to give you answers from both sides of the sectrum. On the one hand, it will concentrate on explaining the mathematics involved in the game; on the other, it will look at the psychological mindset required to minimize mistakes and

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## 01 LEARN TO PLAY GRAPS THE EASY WAY

The game of Craps has attained a reputation of being one of the most exciting casino games, not only because of its inclusion in host of Hollywood films, but beccuse it is in fact a game of pure adrenalin - anyone who has played the game will contentedly vouch for this statement. And it's true: few other casino ga
capable of flooding you with exhilaration quite like Craps.
This Craps guide will cater for all your Craps needs. We've included just about every detail one would need to become a
complete Craps player. From the history of the game the diverse bets, the odds, and some of the psychology that makes up a big part of the game, we have it all for you right here in this concise and easy to follow Craps ebook. Make sure you download this guide for easy access next time you decide to play Craps on your This is your offical Craps bīle.

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\begin{array}{cl}
\text { IS } & \begin{array}{l}
\text { Why Craps Seems so Difficult to Understand }
\end{array} \\
\text { CRAPS } & \begin{array}{l}
\text { Craps is a game played with two standard dice. This } \\
\text { means that the game gives sou } 21
\end{array} \\
\text { tiniquecombina- }
\end{array}
$$ themselves.

Here are the $\mathbf{2 1}$ unique possible combinations we get in Craps:
1-1, 2-2, 3-3, 4-4, 5-5, 6-6, 1-2, 1-3, 1-4, 1-5, 1-6, 2-3 $2-4,2-5,2-6,3-4,3-5,3-6,4-5,4-6,5-6$.

Craps is based on all of the above mentioned combinations,
allowing you to make a bet on each, which means that the table ayout will have a great number of wagering boxes for you to consider.It is therefore no wonder why so many players get
discouraged by the complex layout of craps and often move on to other 'simpler' games at the casino.


So, don't worry, we will be looking thoroughly at every bet,
as well as the order of events fter each the order of events ou a number of glossaries so you you a number of glossaries so y
can learn the lingo behind the game. Prepare to be launched in a brand new world of gambling. We're glad you're with us!


## 02 THE HISTORY OF GRAPS

Because Craps is essentially a dice game, it can be said that the game, or at least its incipient version, can be found be dated back to Egypt, around the 6 The century BC cubical die can be dated back to Egypt, around the $6^{\text {th }}$ century BC. Dice were also
found in ancient India and Korea, whilst Native Americans were known to throw four-sided knuckle bones in their own version of a dice game.
In Rome, emperors Caligula, Augustine and Nero were famous for playing bygone forms of dice games. In fact, it was the Roman military legion that invented a game played with dice. Just like the Native Americans, the Romans made their dice out of bones, and this is perhaps why most dice made today are white in colou were very similar to the dice we recognize today. Modern Craps dice are transparent so they can't be loaded with magnets and mercury.


Even though the history of the dice may go back a few thousand ears, the history of modern Craps is much shorter, going back about 100 years. Perhaps the most direct game that can be attributed as the the $12^{n i c}$ century, around the time of the Third Crusade and during the
treign End the $12^{\text {tim }}$ century, around the time of the Th.

Once the colonists crossed the Atlantic, they brought the game to America and spread it around the communities. The game was then rought to New Orleans by Bernard Xavier Philippe de Marigny de
Mendeville a French-Creole American nobleman, politician, and Mendeville, a French-Creole American nobleman, politician, and
president of the Louisiana Senate between 1822-1823. The game president of the Louisiana Senate between' 1822 -1823. The game
was first called 'Crapaud', meaning 'Frogs', probably derived from the hunched over position of the players who resembled squatting toads
as they threw the dice on the ground. In later years, the game became at they threw the dice on the ground. In later years, the game became
nown as Craps amongst the English-speakers when it was introduce to gambling steamboats traveling on the Mississippi river.
During World War II, street-style Craps, much like the Craps of New Orleans, became very popular amongst soldiers who used an Arm blanket as a shooting surface. As you can see, there is a definit
In 1931 gambling was legalized in Nevada and the modern version of casino Craps gradually became one of the most well-known table
games around the world. It was John $H$. Winn who revolutionized the game, making it possible for players to choose whether to bet with or against the house. He did so by adding the Don't Pass bet, which will be Craps was born.

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The two base dealers stand on either side of the boxman. Their function is to pay out the winners. The fourth member of the dealers' team is known as the stickman and is in charge of call-
ing the dice rolls and their results (most dice rolls have their ow ing the dice rols and their esuits (most dice rots have their own
names). The stickman takes the bets at the center of the table and hands out the dice to the shooter (one of the participating players who rolls the dice) by rounding them up with the aid of a long Lshaped stick. The stickman stands opposite the boxman.

## 04 THE ESSENTIALS OF GRAPS

Understanding the fundamentals of Craps is realy easy. Of the bat it's important to understand that Craps is not always out isolated dice throws but rather a succession of throws th hets which you can make by way of looking at each dice roll as an event by itself.
Let us first examine a simple round of Craps.

aiready mentioned that the shooter is the
participant who rolls the dice on the table.
ROLL The Tealers can nominate any of the players at the table to act as the shooter, and the shooter is always
obligated to make either a Pass Line Bet or a Don't Pass ou are nominated to act as the shooter, you can always decline the offer, after which the shooter nomination will move to the next player. Casinos require shooters to throw the dice with one hand only and that the dice bounce off the far wall of the table This way casinos make certain that the roll is not controlle and that players do not switch the dice with loaded dice.

You will notice a circular marker at the table, usually white in colour when displaying 'on', and black in colour when displaying 'off'. If the marker says offf, this will indicate that the game is at its come-out roll stage. The come out roll will therefore bet with or against the shooter depending on the come-out roll.
et us now take a look at the basic bets you can make at the Craps table, bearing in mind the importance of the come out roll.

THE The Pass Line bet is a bet made with the shooter. Here PASS LINE $\begin{aligned} & \text { you will wager your chips on the section marked Pass } \\ & \text { Line. This particular bet is also known as a series bet }\end{aligned}$ Line. This particular bet is also known as a series bet
as the shooter may need to roll the dice a number of as the shooter may need to roll the dice a number
times before it can be considered as a winning or toses before ic can er considerew as a winning or
losing bet. Because Craps is known to be a highly superstitious game, players regard this type of bet as a superstitious game, playyrs regard this type
right' bet as it is one backing the shooters roll.
The Pass Line bet is a winning bet (paying even money at 1 to 1 ) the shooter rolls a 7 or 11 . If you refer back to our glossary of olls, you will see that a roll of 7 and 11 are known as naturals. On the other hand, if the shooter rolls a 2,3 or 12 , all Pass Line bets will be losing bets. This is known as Craps.
If the shooter rolls a $4,5,6,8,9$ or 10 , then the shooter must rol gain. This is what we meant when we said that the shooter must often roll a number of times in order to reach a winning or losing outcome.

All other numbers either than Craps ( 2,3 or 12 ) and Naturals ( 7 and 11 ) will therefore be regarder is points. to a p '. $4,5,6,8$, or 10 ) is rolled, the on/off marker is flipped to on.


Ine point is rolied again before a 7 , the initial Pass
even money. If a 7 is rolled, all Pass Line bets are lost.

reas of the Craps layout. Remember, a 12 on the Don't Pass line not a winning dice outcome and is considered a draw (or push) y the casino. The reason for this is that casinos always strive to maintain a house edge over players.
It follows that if a point is established and rolled again, the player stablished passers win at even idds (1 to 1) the point has been established, players win at even odos ( 1 to 1 ).
The math behind the Don't Pass Line Bet is quite interesting. If a point has been established, the odds will be in your favor as the
number 7 has the biggest chance of being rolled - in fact a 6 in 1 chance! Why then do players prefer playing the Pass Line Bet nstead of the Don't Pass Line Bet? Perhaps it has to do with the lement of collective solidarity at the table. Many players think of Craps as a team effort where every participant is trying to break being regarded as the black sheep of the table, then there is nothing stopping you from wagering on the Don't Pass Line bet.

## 



Okay, so far so good! What you can do now is go back and revise the dice outcomes that will be winners and losers for both Pass Line and Don't Pass Line bets. You can try these bets out on the freeplay section of an online casino.
The next two types of bets are probably the most important in
the game of rraps. They are possible for both Poss tine and the game of Craps. They are posssible for both Pass Line and Don'
Pass Line bets and can be quite lucrative as they have a zero house edge! That's right, learning about these bets is pivotal to becoming a successful Craps player.

BEHIND
As you can see, it is quite frequent that a point is
HE PASS As you can see, it is quite frequent inat a point is happened, players will be allowed to place 'side' taking the odds when betting with the shooter on the Pass Line bet. In fact, taking the odds should probably become a habit of yours (as should laying the odds when wagering on the Don't Pass Line Bet). Remember, making side has already been established.
Once the point has been established, you can place your extra odds bet behind the Pass Line.
There are, however, specific rules to making such bets. Casinos
will always have limits on the will always have limits on the amount of odds you can take. This is again based on the fact that these bets contain no house edge.
Most casinos will therefore advertise a $3-4-5$ X odds, which means the following:

- 3 times the initial bet if the point is a 4 or 10
- 4 times the initial bet if the point is a 5 or 9
- 5 times the initial bet if the point is 6 or 8

It follows that the payouts of these bets will also vary when winners:

- 2 to 1 if the point is a 4 or 10
- 3 to 2 if the point is a 5 or 9
- 6 to 5 if the point is a 6 or 8

DON'T COME $\begin{aligned} & \text { The Don't Come bet works in opposition to the Come } \\ & \text { bet and is akin to the Don't Pass bet. In this bet you }\end{aligned}$ bet and is akin to the Don't Pass bet. In this bet, you will be wagering that a 7 will come before the point.
You can again take odds if a point is rolled after a Dont Pass bet.
You can place odds bets on top of the bet in the box. This bet also pays even money.

What we have covered so far is essentially the basics of Craps. In the following section we will be looking at the myriad of other in the middle of or at the beginning of a Craps round. These bets
in are very easy to make and can prove to be quite lucrative for the player.

SINGIE
Single-roll bets have nothing to do with come out
ROLL rolls or the establishing of points. They are called
BEIS single-roll bets because the player can place a bet at any given time, regardless of the progress of the
game. A big chunk of these bets are called Service bets, which are located in the center of a twin table. The stickman or base dealers are the only people permitted to place these best for you.



## PLACE BETS AND BUY BETS

Place numbers in Craps are the numbers 4, 5, 6, 8,9 and 10. This type of betting is actually very simple: all you need to do is wager type of betting is actually very simple: all you need to do is wage-
on a Place bet, and if any of the place numbers are rolled before a 7 , you win at varying odds. If you remember, the odds in Craps are all based on the probabilities of two dice being rolled. You ca
efer back to the pyramid of probabilities added in this guide.


Ultimately, Place bets are quite similar to Odds bets, except that Place bets will not have to be wagered and a point will not have oo be determined. However, they do not pay quite as well as Odds bets.

Here are payouts you can expect to gain when making Place bets:

- 9 to 5 if a bet is placed on 4 or 10
- 7 to 5 if a bet is placed on 5 or 9
- 7 to 6 if a bet is placed on 6 or 8

BUY BETS are the same as Place bets, except they pay true odds:

- 2 to 1 if a bet is placed on 4 or 10
- 3 to 2 if a bet is placed on 5 or 9
- 6 to 5 if a bet is placed on 6 or 8

However, the house will take a commission of $5 \%$, known as a 'vigorish' (vig) a mongst gamblers. Some casinos will take the vig 'vigorish' (vig) amongst gamblers. So
only when the bet is a winning one.

LAY BETS
Lay bets are the opposite of Place bets. They are winning bets if 7 is rolled before the selected number. If any other number is rolled, the bet will stay on the table. You can place these bets above the exact number you are betting against, and the odds are the following:

- 1 to 2 if a bet is placed on 4 or 10
- 2 to 3 if a bet is placed on 5 or 9
- 5 to 6 if a bet is placed on 6 or 8

The house will again take a vig of $5 \%$, usually from all winning bets.

## THE HARD WAYS BET

A Hard Ways bet is one made on a double roll. The possible doubles with two dice are 2, 4, 6, 8 or 10. The Hard Ways bets are found in the center of the Craps layout. The bet loses if any 7 is rolled and any other combination of the selected number that is not a double. For example, if a player bets on a hard 4 (2-2), and 3 and 1 is rolled, the bet loses. The same goes for a 6 if a 5 and 1 3 and 1 is rolled, the bet loses.
or 4 and 2 is rolled, and so on.

BIG 6 AND BIG 8 BET
Both of these bets work identically. The bet wins if the shooter olls a 6 or 8 before he rolls a 7 . The Big 6 and Big 8 bets are regarded as the worst bets on the table because they pay only regarded as the worst bets on the table because they pay only
even odds. It is wiser to bet on a Place bet of 6 or 8 as the payout
is 7 to 6 . is 7 to 6 .


There are two sides to Craps strategy. First you need to
understand which bets contain the lowest touse highest payout. The second aspect to stratest house edge and highest payout. The second aspect to strategizing for Craps is to
control you money in an intelligent fashion. Let us recap all the conirot bets you can make in Craps, after which we will look at some betting systems that can work in your favor.

Craps Bets Recapped
In this chart we look at each bet individually. You can see that we have included the True Odds (the probability of an event happening), house edge of the bet, and the payout when the bet is a winning one.

| TYPE OF Bet | TRUE ODDS | house edge | ROLL TYPE | PAYOUT |
| :---: | :---: | :---: | :---: | :---: |
| Pass Line/Come | 251 to 244 | 1.41\% | Multi | 1 to 1 |
| Don't Pass / Don't Come | 976 to 049 | 1.36\% | Muti | 1 to 1 |
| $\begin{array}{\|l} \hline \text { Pass Odds/Come } \\ \text { Odds } \end{array}$ | Same as paid | 0\% | Multi | 2 to 1 on 4 and 10, 3 to 2 on 5 or 9, 6 to 5 on 6 or 8 |
| Don't Pass Odds/ Don't Come Odds | Same as paid | 0\% | Multi | $\begin{aligned} & 1 \text { to } 2 \text { against } 4 \text { or } \\ & 10,2 \text { to } 3 \text { against } 5 \\ & \text { or } 9,5 \text { to } 6 \text { against } \end{aligned}$ $6 \text { or } 8$ |
| Yo-leven ( $\mathrm{Y}_{\text {O }}$ ) | 17 to 1 | 11.11\% | Single | 15 to 1 |
| $\frac{3}{2}$ | 17 to 1 | 11.11\% | Single | 1501 |
| $\frac{3}{12}$ | 35 to 1 | 13.89\% | Single | 30 to 1 |
| 12 | 35 to 1 | 13.89\% | Single | 30 to 1 |
| Hi-lo (2 or 12 ) | 17 to 1 | 11.11\% | Single | 15 to 1 |
| Craps (2, 3 or 12) | 8 to 1 | 11.11\% | Single | 7 to 1 |
| $\begin{array}{\|l\|} \hline \text { C E E (half on Craps, } \\ \text { half on Yo) } \end{array}$ | 5 to 1 | 11.11\% | Single | 3 to 1 on Craps, 7 to 1 on 11. |
| Any 7 | 5 to 1 | 16.67\% | Single | 4401 |


| Field bet variation 1 . | 5 to 4 | 5.56\% | Single | 1 to 1 on $3,4,9,10$ or 11.2 to 1 on 2 and 12 |
| :---: | :---: | :---: | :---: | :---: |
| Field bet variation 2 . | 5 to 4 | 2.78\% | Single | 1 to 1 on $3,4,9,10$ or 11.2 to 1 on 2 and 3 to 1 on 12 |
| Field bet variation 3 (rare). | 5 to 4 | -5\% | Single | 1 to 1 on 3,49 or 10 . 2 to 1 on 2 and 11,3 to 1 on 12 |
| The Horn | 5 to 1 | 12.5\% | Single | $\begin{aligned} & 24 \text { to } 7 \text { on } 2 \text { and } 12.3 \text { to } 1 \\ & \text { on } 3 \text { or } 11 . \end{aligned}$ $\text { on } 3 \text { or } 11 .$ |
| Whirl or World | 2 to 1 | 13.33\% | Single | 26 to 5 on 2 or 12. 11 to 5 on 3 or 11. Push on a 7. |
| $\begin{aligned} & \text { Hard Way } 4 / \text { Hard } \\ & \text { Way } 10 \end{aligned}$ | 8 to 1 | 11.11\% | Multi | 7 to 1 |
| Hard Way 6/ Hard <br> Way 8 | 10 to 1 | 9.09\% | Mutit | 9 to 1 |
| Big 6 , Big 8 | 6 to 5 | 9.09\% | Multi | 1 to 1 |
| Place $4 /$ Place 10 | 2 to 1 | 6.67\% | Multi | 2 to 1 |
| Place 5/ Place 9 | 3 to 2 | $4 \%$ | Multi | 7 to 5 |
| Place 6/ Place 8 | 6 to 5 | 1.52\% | Multi | 7 to 6 |
| Buy $4 /$ Buy 10 | 2 to 1 | 4.76\% | Multi | 2 to 1(5\% on bet) |
| Buy 4/ Buy 10 | 2 to ${ }^{1}$ | 1.67\% | Multi | $\frac{2}{2}$ to1 ( $5 \%$ on bet if $a$ win- ning bet |
| Buy 5/ Buy 9 | 3 to 2 | 4.76\% | Multi | 3 to 2 ( $5 \%$ of intended bet) |
| Buy 6 / Buy 8 | 6 to 5 | 4.76\% | Multi | 6 to 5 (5\% of intended bet) |
| Lay 4/ Lay 10 | 1 to 2 | 2.44\% | Multi | 1 to 2 (5\% of intended bet) |
| Lay 5 Lay 9 | 2 to3 | 3.23\% | Multi | 2 to 3 ( $5 \%$ of intended bet) |
| Lay 6 L Lay 8 | 5506 | 4.00\% | Multi | 5 to 6 (5\% of intended bet) |

06 PLAYYNG ONLINE CRAPS
Playing Craps on the internet is pretty much the same as playing at the casino. The only difference is that you will be
playing alone, which to some is a quite a positive characteristic. When looking at the chart above, it is easy to see which bets should be made and which should be avoided. You can clearly see that Pass bets offer quite low house edges (under $1.5 \%$ ) and pay out at even odds. Another lucrative bet is the Field bet, especially
the Field bet seen in variation 3. As mentioned before, players should always take the odds bets - they contain no house edge! The next step is to look at some betting systems that can be
useful in terms of strategically controlling your mone. These systems are best used when the payouts are set at even. Online Craps software may also not offer all the bets we have
discussed in this guide, but the game itself will move much quicker than physical games because the collection and pay outs of wagers is done automatically; and since you are the only player $t$ the table, there is only one person to be dealt with.
Another positive aspect is that you will freely be able to play
against the shooter and not be scolded by other players. If you remember, the Don't Pass and Don't Come bets contain some of Bets, which renders it logical to always wager on them.

## SLOT cINEMA



WIN AT CRAPS


[^0]:    THE
    A game of Craps cannot be complete without the presence of a number of casino officials. This team of 'dealers' control and direct all the happenings at
    the table; from handing out the dice and paving out the table; from handing out the dice and paying out
    the winners, to collecting the losers' chips, the dealer's team is a well-oiled machine. The boxman is the boss of orts and is in charge of the chips. He also oversees what the rest of the team is doing. He is frequently seen recording every roll of the dice and the
    of the Craps box.

