

# Converting Colors

Hex(C64092)

Have a look what the booklet for  
Hex(C64092) contains.

<b>Hex(C64092)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(C64092)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C64092
RGB	198, 64, 146
RGB Percent	78%, 25%, 57%
CMY	0.2235, 0.7490, 0.4275
CMYK	0.00, 0.68, 0.26, 0.22
HSL	323°, 54%, 51%
HSV	323°, 68%, 78%
XYZ	30.3104, 17.7479, 29.0223
YIQ	113.4140, 53.5420, 53.9100

# Conversions

## Conversions Part 2

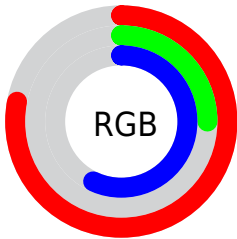
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 64, 146
Decimal	12992658
CIE <sub>Lab</sub>	49.19, 60.62, -16.32
CIE <sub>LCh</sub>	49, 62.774, 344.933
Yxy	17.7479, 0.3932, 0.2303
Android (android.graphics.Color)	4291182738 (0xFFC64092)
YUV	113.4140, 16.0649, 74.1819
Hunter-Lab	42.1282, 54.7027, -11.3553

# Details

The Hex color **C64092** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **40C674**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF79C8**, and **8C005F** is the 20% darker color. If you saturate the color by 10%, you get **C62C8A**, and if you desaturate by 10%, it is **C6549A**.

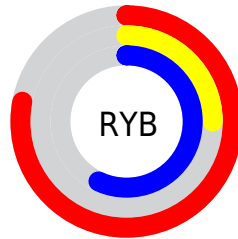
# Distribution



Red (78%)

Green (25%)

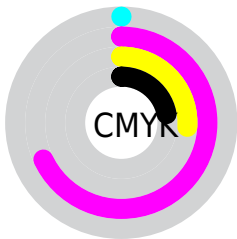
Blue (57%)



Red (78%)

Yellow (25%)

Blue (57%)

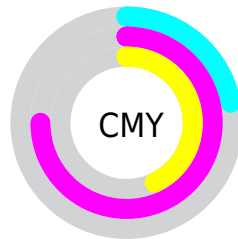


Cyan (0%)

Magenta (68%)

Yellow (26%)

Black (22%)



Cyan (22%)

Magenta (75%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C64092 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color C64092 by changing the saturation by 10% instead.



 C64092

 C64092

FFFFFF

 A91F78

 FF79C8

 8C005F

 FF95E4

 700048

 FFB1FF

 540031

 FFCEFF

 3B001C

 FFECFF

 1B0001

 000000

 C64092

 C64092

 C62C8A

 C6549A

 C61883

 C668A1

 C6057B

 C67BA9

 C60079

 C68FB1

 C6A3B8

 C6B7C0

 C6CBC8

 C6DECF

 C6F2D7

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9859C1



C64092



D33B5D

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C64092



747B00



008BBF

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



C64092



40C674

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



008D8F



C64092



328620

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C64092



A36900



008B57



0083DC

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C64092



CC483B



008B57



008CB1



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



C64092



FFCCEB



7340C6



806174



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



C64092



FF30AF



C64050



635A60



A30064



240016



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C64092



FF30AF



40C6B6



635A60



A30064



240016



# Previews

## White Background



This preview shows how the Hex color C64092 looks on a white background.

## Color Contrast Check

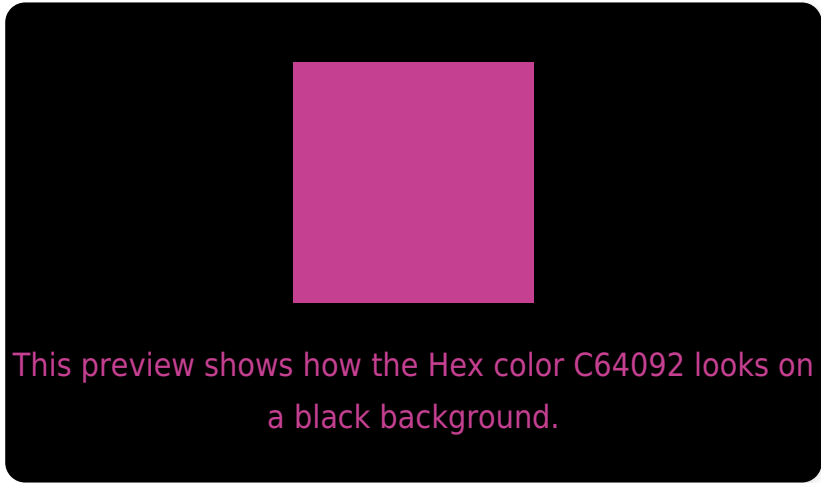
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

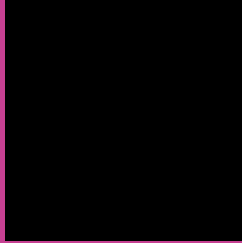
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C64092 Background



This preview shows how black text looks on a background with the Hex color C64092.

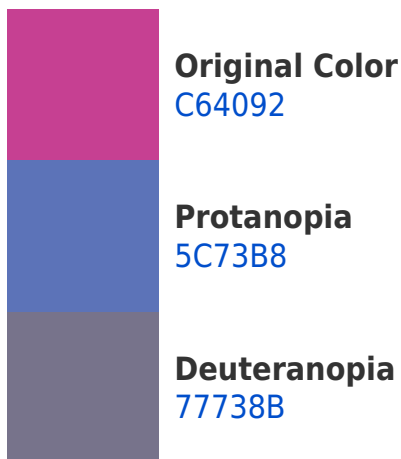


This preview shows how white text looks on a background with the Hex color C64092.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
C64092



**Protanomaly**  
8360AA



**Deuteranomaly**  
94608E

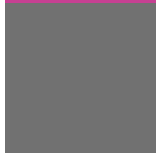


**Tritanomaly**  
C34A6B

# Monochromacy



**Original Color**  
C64092



**Achromatopsia**  
717171



**Achromatomaly**  
905F7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C64092 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C64092 looks like.

```
.text, #text, p{  
    color:#C64092  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C64092 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C64092
}
```

## Border

The CSS property to change the border of an element to Hex C64092 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C64092 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C64092 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C64092 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C64092; -webkit-box-shadow:4px 4px  
4px 4px #C64092; box-shadow:4px 4px 4px  
4px #C64092 }
```

# Background

The CSS property to change the background color of an element to Hex C64092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C64092 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C64092 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor