

# Converting Colors

Hex(C64B8E)

Have a look what the booklet for  
Hex(C64B8E) contains.

<b>Hex(C64B8E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(C64B8E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C64B8E
RGB	198, 75, 142
RGB Percent	78%, 29%, 56%
CMY	0.2235, 0.7059, 0.4431
CMYK	0.00, 0.62, 0.28, 0.22
HSL	327°, 52%, 54%
HSV	327°, 62%, 78%
XYZ	30.6873, 18.9909, 27.6394
YIQ	119.4150, 51.8010, 46.9130

# Conversions

## Conversions Part 2

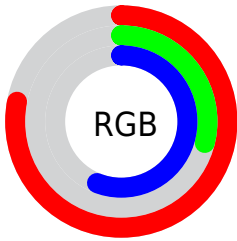
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 75, 142
Decimal	12995470
CIELab	50.68, 55.61, -11.68
CIELCh	51, 56.826, 348.144
Yxy	18.9909, 0.3969, 0.2456
Android (android.graphics.Color)	4291185550 (0xFFC64B8E)
YUV	119.4150, 11.1344, 68.9190
Hunter-Lab	43.5786, 49.4341, -7.0993

# Details

The Hex color **C64B8E** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **4BC683**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF82C4**, and **8C065C** is the 20% darker color. If you saturate the color by 10%, you get **C63785**, and if you desaturate by 10%, it is **C65F97**.

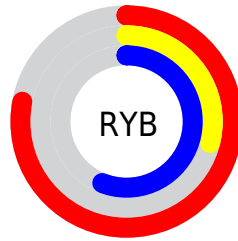
# Distribution



Red (78%)

Green (29%)

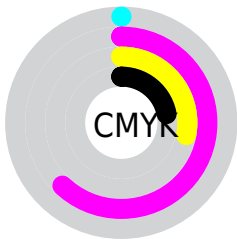
Blue (56%)



Red (78%)

Yellow (29%)

Blue (56%)

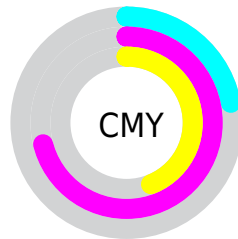


Cyan (0%)

Magenta (62%)

Yellow (28%)

Black (22%)



Cyan (22%)

Magenta (71%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C64B8E 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 C64B8E by changing the saturation by 10% instead.



 C64B8E

 C64B8E

FFFFFF

 A92E74

 FF82C4

 8C065C

 FF9EE0

 700044

 FFBAFC

 55002E

 FFD7FF

 3C001A

 FFF4FF

 1D0001

 000000

 C64B8E

 C64B8E

 C63785

 C65F97

 C6237C

 C673A0

 C61073

 C686A9

 C6006C

 C69AB2

 C6AE8B

 C6C2C4

 C6D6CD

 C6E9D6

 C6FD6F

# Harmonies

## Analogous

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



9F5EBA



C64B8E



CF4A5D

# Triad

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



C64B8E



747F07



008CC0

# Complementary

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



C64B8E



4BC683

# 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.



008F95



C64B8E



388933

# Square

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



C64B8E



A06F09



008E63



0084D8

# Rectangle

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



C64B8E



C8543F



008E63



008EB3



# Sweetspot

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



C64B8E



FFCFE9



824BC6



806272



000000



808080



# Same Dimension

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



C64B8E



FF40A8



C64B51



635A5F



A30059



240013



# Inverse Universe

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



C64B8E



FF40A8



4BC6C0



635A5F



A30059



240013



# Previews

## White Background



This preview shows how the Hex color C64B8E looks on a white background.

## Color Contrast Check

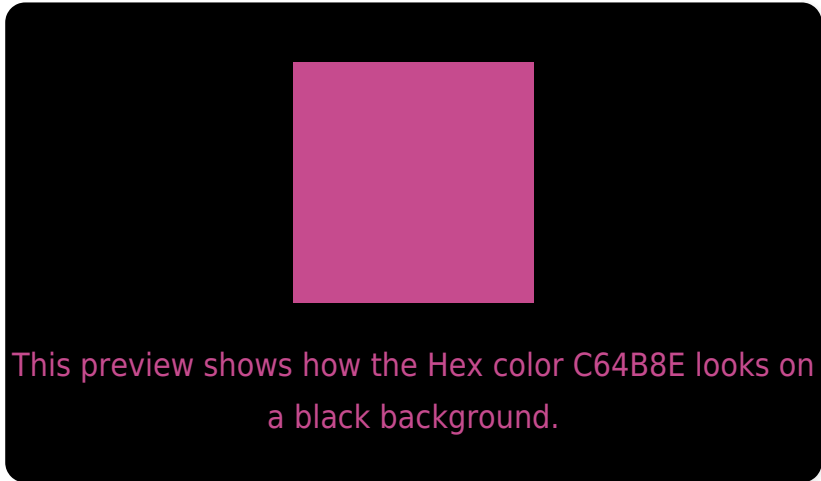
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

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 C64B8E Background



This preview shows how black text looks on a background with the Hex color C64B8E.



This preview shows how white text looks on a background with the Hex color C64B8E.

# 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



**Original Color**  
C64B8E

**Protanopia**  
6877AD

**Deuteranopia**  
7E7688



# Trichromacy



**Original Color**  
C64B8E



**Protanomaly**  
8A67A2



**Deuteranomaly**  
98668A

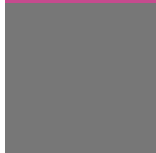


**Tritanomaly**  
C3536E

# Monochromacy



**Original Color**  
C64B8E



**Achromatopsia**  
777777



**Achromatomaly**  
94677F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C64B8E 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 #C64B8E looks like.

```
.text, #text, p{  
    color:#C64B8E  
}
```

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 #C64B8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C64B8E
}
```

## Border

The CSS property to change the border of an element to Hex C64B8E 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
#C64B8E }
```

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

```
.border{ border-color:#C64B8E }
```

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

Here you see how a box with a 4 pixel #C64B8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C64B8E; -webkit-box-shadow:4px 4px  
4px 4px #C64B8E; box-shadow:4px 4px 4px  
4px #C64B8E }
```

# Background

The CSS property to change the background color of an element to Hex C64B8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C64B8E }
```

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

```
.background{ background-color:#C64B8E }
```

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](#).



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