

# Converting Colors

Hex(C764B7)

Have a look what the booklet for  
Hex(C764B7) contains.

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# **Color**

**Hex(C764B7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C764B7
RGB	199, 100, 183
RGB Percent	78%, 39%, 72%
CMY	0.2196, 0.6078, 0.2824
CMYK	0.00, 0.50, 0.08, 0.22
HSL	310°, 47%, 59%
HSV	310°, 50%, 78%
XYZ	36.6576, 24.6754, 47.6305
YIQ	139.0630, 32.3610, 46.8010

# Conversions

## Conversions Part 2

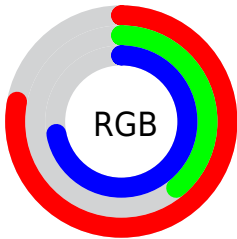
Format	Color
R <sub>Y</sub> B	199, 100, 183
Decimal	13067447
CIE Lab	56.76, 50.34, -26.38
CIE LCh	57, 56.835, 332.346
Yxy	24.6754, 0.3364, 0.2265
Android (android.graphics.Color)	4291257527 (0xFFC764B7)
YUV	139.0630, 21.6609, 52.5647
Hunter-Lab	49.6743, 44.7957, -22.0786

# Details

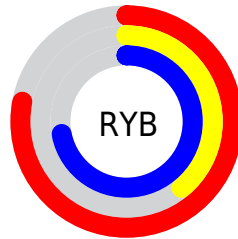
The Hex color **C764B7** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **64C774**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF9AEF**, and **8F2E82** is the 20% darker color. If you saturate the color by 10%, you get **C750B4**, and if you desaturate by 10%, it is **C778BA**.

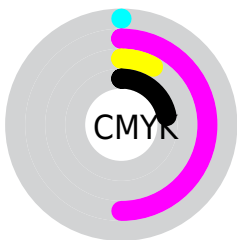
# Distribution



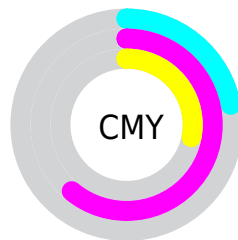
- Red (78%)
- Green (39%)
- Blue (72%)



- Red (78%)
- Yellow (39%)
- Blue (72%)



- Cyan (0%)
- Magenta (50%)
- Yellow (8%)
- Black (22%)



- Cyan (22%)
- Magenta (61%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C764B7 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 C764B7 by changing the saturation by 10% instead.



 C764B7

 C764B7

FFFFFF

 AB499C

 FF9AEF

 8F2E82

 FFB6FF

 740E68

 FFD2FF

 590050

 FFEFFF

 3F0039

 280023

 000009

 000000

 C764B7

 C764B7

 C750B4

 C778BA

 C73CB1

 C78CBD

 C728AD

 C7A0C1

 C714AA

 C7B4C4

 C701A7

 C7C8C7

 C700A7

 C7DBCA

 C7EFCE

 C7FFD1

 C7FFD4

# Harmonies

## Analogous

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



8E79DC



C764B7



E05986

# Triad

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



C764B7



9E8718



009FBC

# Complementary

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



C764B7



64C774

# 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.



00A08B



C764B7



6C942D

# Square

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



C764B7



C5742E



0E9C58



0099DF

# Rectangle

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



C764B7



E15C66



0E9C58



00A0AC



# Sweetspot

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



C764B7



FFD9F9



7364C7



80697C



000000



808080



# Same Dimension

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



C764B7



FF66E6



C76487



635A62



A30089



24001E



# Inverse Universe

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



C764B7



FF66E6



64C7A4



635A62



A30089



24001E



# Previews

## White Background



This preview shows how the Hex color C764B7 looks on a white background.

## Color Contrast Check

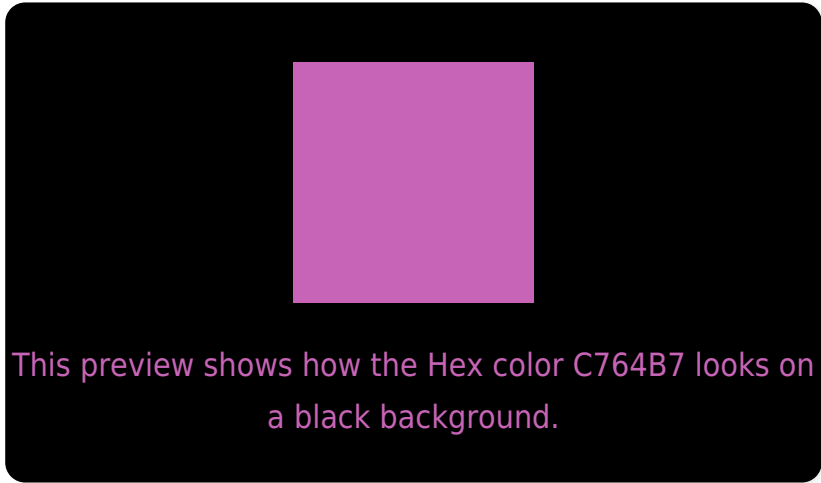
Large Text (above 18pt) WCAG AA ✓ Pass

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 C764B7 Background



This preview shows how black text looks on a background with the Hex color C764B7.

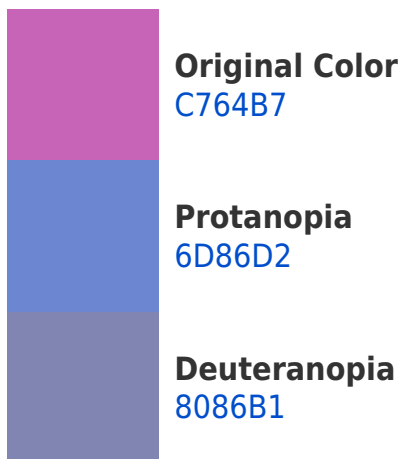


This preview shows how white text looks on a background with the Hex color C764B7.

# 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](#).

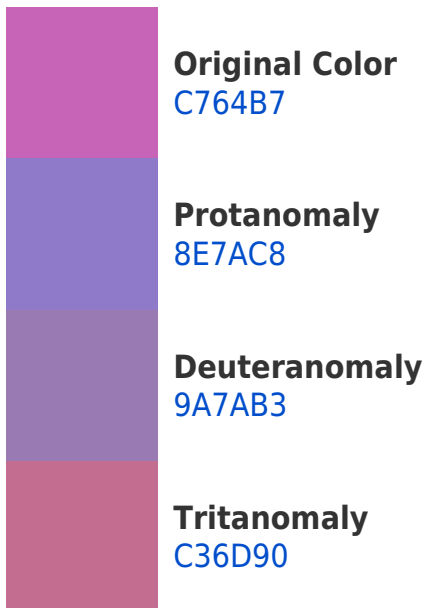
## Dichromacy



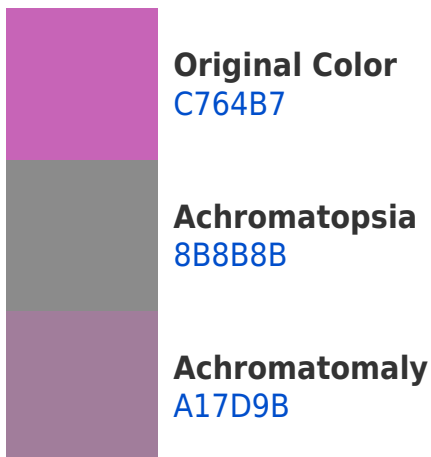


**Tritanopia**  
C0727A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C764B7 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 #C764B7 looks like.

```
.text, #text, p{  
    color:#C764B7  
}
```

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 #C764B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C764B7
}
```

## Border

The CSS property to change the border of an element to Hex C764B7 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
#C764B7 }
```

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

```
.border{ border-color:#C764B7 }
```

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

Here you see how a box with a 4 pixel #C764B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C764B7; -webkit-box-shadow:4px 4px  
4px 4px #C764B7; box-shadow:4px 4px 4px  
4px #C764B7 }
```

# Background

The CSS property to change the background color of an element to Hex C764B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C764B7 }
```

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

```
.background{ background-color:#C764B7 }
```

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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