

# Converting Colors

Hex(C75B97)

Have a look what the booklet for  
Hex(C75B97) contains.

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# Color

**Hex(C75B97)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C75B97
RGB	199, 91, 151
RGB Percent	78%, 36%, 59%
CMY	0.2196, 0.6431, 0.4078
CMYK	0.00, 0.54, 0.24, 0.22
HSL	327°, 49%, 57%
HSV	327°, 54%, 78%
XYZ	32.8802, 21.8587, 31.7643
YIQ	130.1320, 45.1080, 41.5560

# Conversions

## Conversions Part 2

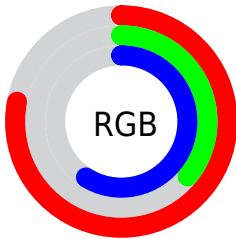
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 91, 151
Decimal	13065111
CIE <sub>Lab</sub>	53.88, 49.80, -12.17
CIE <sub>LCh</sub>	54, 51.268, 346.271
Yxy	21.8587, 0.3801, 0.2527
Android (android.graphics.Color)	4291255191 (0xFFC75B97)
YUV	130.1320, 10.2879, 60.3972
Hunter-Lab	46.7532, 43.7157, -7.5546

# Details

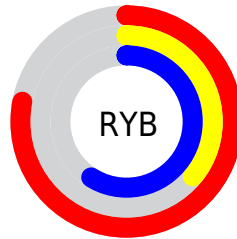
The Hex color **C75B97** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **5BC78B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF91CD**, and **8E2464** is the 20% darker color. If you saturate the color by 10%, you get **C7478E**, and if you desaturate by 10%, it is **C76FA0**.

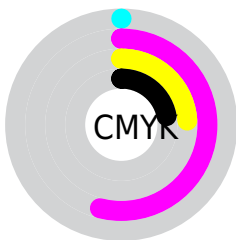
# Distribution



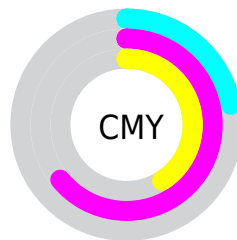
- Red (78%)
- Green (36%)
- Blue (59%)



- Red (78%)
- Yellow (36%)
- Blue (59%)



- Cyan (0%)
- Magenta (54%)
- Yellow (24%)
- Black (22%)



- Cyan (22%)
- Magenta (64%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C75B97 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 C75B97 by changing the saturation by 10% instead.



 C75B97

 C75B97

FFFFFF

 AA407D

 FF91CD

 8E2464

 FFADE9

 73004C

 FFC9FF

 580035

 FFE6FF

 3E0020

 240005

 000000

 C75B97

 C75B97

 C7478E

 C76FA0

 C73385

 C783A9

 C71F7C

 C797B2

 C70B74

 C7ABBA

 C7006F

 C7BFC3

 C7D2CC

 C7E6D5

 C7FADE

 C7FFE7

# Harmonies

## Analogous

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



A26BBE



C75B97



D2596A

# Triad

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



C75B97



818624



0093C0

# Complementary

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



C75B97



5BC78B

# 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.



009698



C75B97



4E9040

# Square

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



C75B97



A97726



00956A



008BD6

# Rectangle

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



C75B97



CC604F



00956A



0095B4



# Sweetspot

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



C75B97



FFD6ED



8A5BC7



806775



000000



808080



# Same Dimension

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



C75B97



FF59B5



C75B62



635A5F



A3005B



240014



# Inverse Universe

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



C75B97



FF59B5



5BC7C0



635A5F



A3005B



240014



# Previews

## White Background



This preview shows how the Hex color C75B97 looks on a white background.

## Color Contrast Check

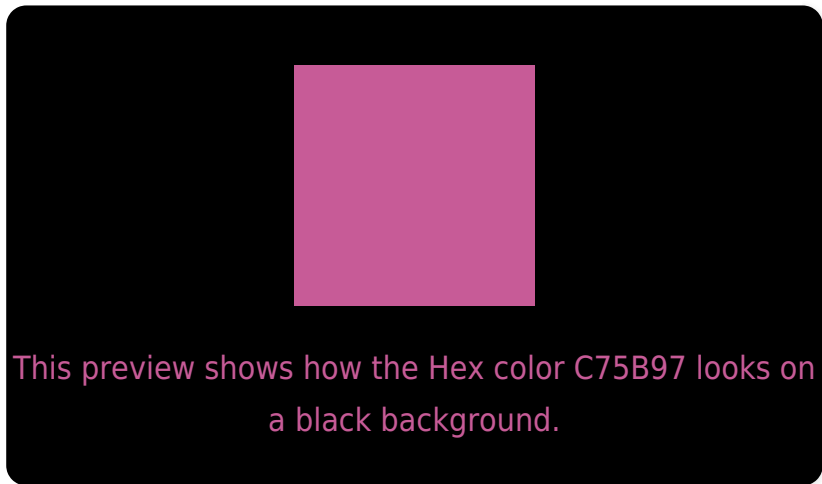
Large Text (above 18pt) WCAG AA ✓ Pass

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

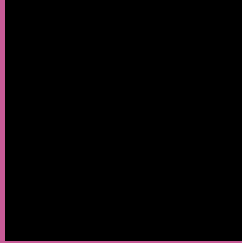
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C75B97 Background



This preview shows how black text looks on a background with the Hex color C75B97.

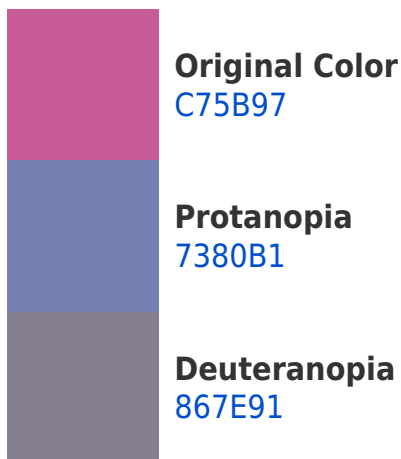


This preview shows how white text looks on a background with the Hex color C75B97.

# 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](#).

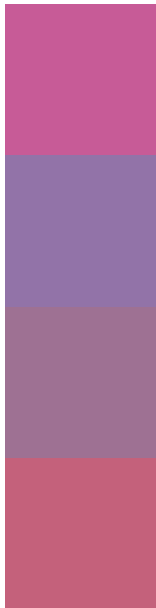
## Dichromacy





**Tritanopia**  
C3646B

# Trichromacy



**Original Color**  
C75B97

**Protanomaly**  
9273A8

**Deuteranomaly**  
9E7193

**Tritanomaly**  
C4617B

# Monochromacy



**Original Color**  
C75B97

**Achromatopsia**  
828282

**Achromatomaly**  
9B748A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C75B97 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 #C75B97 looks like.

```
.text, #text, p{  
    color:#C75B97  
}
```

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 #C75B97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C75B97
}
```

## Border

The CSS property to change the border of an element to Hex C75B97 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
#C75B97 }
```

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

```
.border{ border-color:#C75B97 }
```

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

Here you see how a box with a 4 pixel #C75B97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C75B97; -webkit-box-shadow:4px 4px  
4px 4px #C75B97; box-shadow:4px 4px 4px  
4px #C75B97 }
```

# Background

The CSS property to change the background color of an element to Hex C75B97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C75B97 }
```

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

```
.background{ background-color:#C75B97 }
```

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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