

# Converting Colors

Hex(C65797)

Have a look what the booklet for  
Hex(C65797) contains.

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**Color**

**Hex(C65797)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C65797
RGB	198, 87, 151
RGB Percent	78%, 34%, 59%
CMY	0.2235, 0.6588, 0.4078
CMYK	0.00, 0.56, 0.24, 0.22
HSL	325°, 49%, 56%
HSV	325°, 56%, 78%
XYZ	32.2828, 21.0565, 31.6410
YIQ	127.4850, 45.6120, 43.4360

# Conversions

## Conversions Part 2

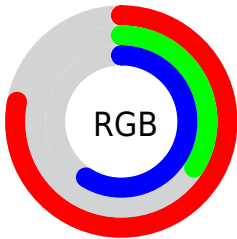
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 87, 151
Decimal	12998551
CIELab	53.01, 51.39, -13.49
CIElCh	53, 53.135, 345.295
Yxy	21.0565, 0.3799, 0.2478
Android (android.graphics.Color)	4291188631 (0xFFC65797)
YUV	127.4850, 11.5929, 61.8417
Hunter-Lab	45.8874, 45.2759, -8.7614

# Details

The Hex color **C65797** 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 **57C686**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF8DCD**, and **8D1E64** is the 20% darker color. If you saturate the color by 10%, you get **C6438F**, and if you desaturate by 10%, it is **C66B9F**.

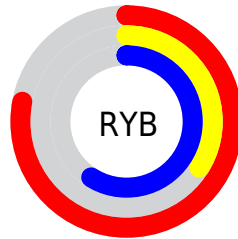
# Distribution



Red (78%)

Green (34%)

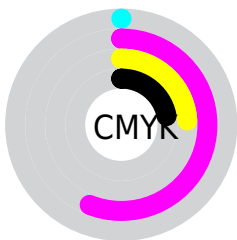
Blue (59%)



Red (78%)

Yellow (34%)

Blue (59%)

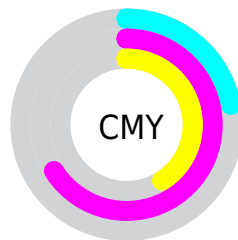


Cyan (0%)

Magenta (56%)

Yellow (24%)

Black (22%)



Cyan (22%)

Magenta (66%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C65797 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 C65797 by changing the saturation by 10% instead.



 C65797

 C65797

FFFFFF

 A93C7D

 FF8DCD

 8D1E64

 FFA9E9

 71004C

 FFC5FF

 560035

 FFE2FF

 3D0020

 220004

 000000

 C65797

 C65797

 C6438F

 C66B9F

 C62F86

 C67FA8

 C61C7E

 C692B0

 C60875

 C6A6B9

 C60072

 C6BAC1

 C6CEC9

 C6E2D2

 C6F5DA

 C6FFE2

# Harmonies

## Analogous

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



9F68BF



C65797



D25469

# Triad

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



C65797



80841C



0092BF

# Complementary

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



C65797



57C686

# 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.



009495



C65797



4B8E3A

# Square

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



C65797



A97420



009366



008AD7

# Rectangle

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



C65797



CC5C4C



009366



0093B2



# Sweetspot

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



C65797



FFD4ED



8557C6



806675



000000



808080



# Same Dimension

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



C65797



FF54B7



C65760



635A5F



A3005E



240015



# Inverse Universe

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



C65797



FF54B7



57C6BD



635A5F



A3005E

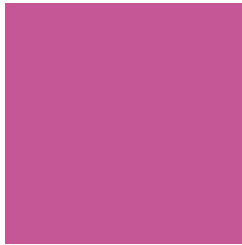


240015



# Previews

## White Background



This preview shows how the Hex color C65797 looks on a white background.

## Color Contrast Check

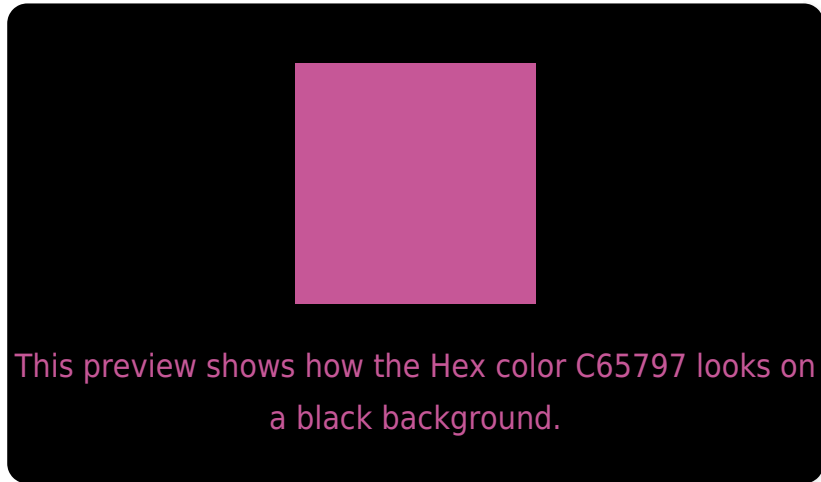
Large Text (above 18pt) WCAG AA ✓ Pass

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

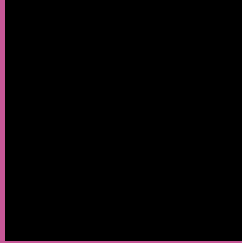
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C65797 Background



This preview shows how black text looks on a background with the Hex color C65797.



This preview shows how white text looks on a background with the Hex color C65797.

# 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**  
C65797

**Protanopia**  
6F7DB2

**Deuteranopia**  
837C91



**Tritanopia**  
C26168

# Trichromacy



**Original Color**  
C65797



**Protanomaly**  
8F6FA8



**Deuteranomaly**  
9B6F93

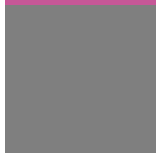


**Tritanomaly**  
C35D79

# Monochromacy



**Original Color**  
C65797



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
997088

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C65797 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 #C65797 looks like.

```
.text, #text, p{  
    color:#C65797  
}
```

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 #C65797 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C65797
}
```

## Border

The CSS property to change the border of an element to Hex C65797 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
#C65797 }
```

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

```
.border{ border-color:#C65797 }
```

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

Here you see how a box with a 4 pixel #C65797 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C65797; -webkit-box-shadow:4px 4px  
4px 4px #C65797; box-shadow:4px 4px 4px  
4px #C65797 }
```

# Background

The CSS property to change the background color of an element to Hex C65797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C65797 }
```

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

```
.background{ background-color:#C65797 }
```

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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