

# Converting Colors

Hex(CC5398)

Have a look what the booklet for  
Hex(CC5398) contains.

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# Color

**Hex(CC5398)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | CC5398                     |
| RGB           | 204, 83, 152               |
| RGB Percent   | 80%, 33%, 60%              |
| CMY           | 0.2000, 0.6745, 0.4039     |
| CMYK          | 0.00, 0.59, 0.25, 0.20     |
| HSL           | 326°, 54%, 56%             |
| HSV           | 326°, 59%, 80%             |
| XYZ           | 33.6626, 21.2909, 32.0411  |
| YIQ           | 127.0450, 49.9670, 47.1110 |

# Conversions

## Conversions Part 2

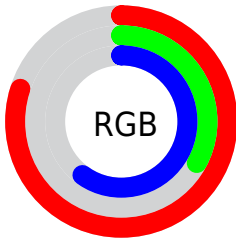
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 204, 83, 152                  |
| Decimal                             | 13390744                      |
| CIE <sub>Lab</sub>                  | 53.27, 55.20, -13.60          |
| CIE <sub>LCh</sub>                  | 53, 56.848, 346.154           |
| Yxy                                 | 21.2909, 0.3870,<br>0.2447    |
| Android<br>(android.graphics.Color) | 4291580824<br>(0xFFCC5398)    |
| YUV                                 | 127.0450, 12.3028,<br>67.4895 |
| Hunter-Lab                          | 46.1420, 49.4748,<br>-8.8716  |

# Details

The Hex color **CC5398** 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 **53CC87**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF8ACE**, and **921665** is the 20% darker color. If you saturate the color by 10%, you get **CC3F8F**, and if you desaturate by 10%, it is **CC67A1**.

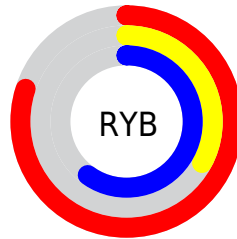
# Distribution



Red (80%)

Green (33%)

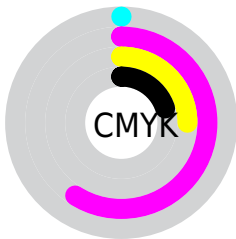
Blue (60%)



Red (80%)

Yellow (33%)

Blue (60%)

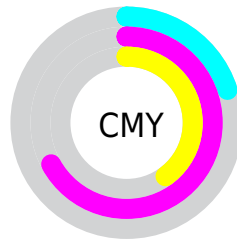


Cyan (0%)

Magenta (59%)

Yellow (25%)

Black (20%)



Cyan (20%)

Magenta (67%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC5398 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 CC5398 by changing the saturation by 10% instead.



 CC5398

 CC5398

FFFFFF

 AF377E

 FF8ACE

 921665

 FFA6EB

 76004D

 FFC2FF

 5B0036

 FFDFFF

 410021

 FFFDFD

 270006

 000000

 CC5398

 CC5398

 CC3F8F

 CC67A1

 CC2A86

 CC7CAA

 CC167E

 CC90B2

 CC0175

 CCA5BB

 CC0074

 CCB9C4

 CCCDCD

 CCE2D5

 CCF6DE

 CCFFE7

# Harmonies

## Analogous

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



A366C4



CC5398



D75067

# Triad

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



CC5398



7F8510



0094C5

# Complementary

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



CC5398



53CC87

# 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.



009699



CC5398



458F37

# Square

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



CC5398



AA7515



009566



008BDE

# Rectangle

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



CC5398



D15A48



009566



0095B8



# Sweetspot

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



CC5398



FFD1EB



8553CC



806373



000000



808080



# Same Dimension

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



CC5398



FF4AB1



CC535D



665C62



A6005F



260016



# Inverse Universe

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



CC5398



FF4AB1



53CCC2



665C62



A6005F



260016



# Previews

## White Background



This preview shows how the Hex color CC5398 looks on a white background.

## Color Contrast Check

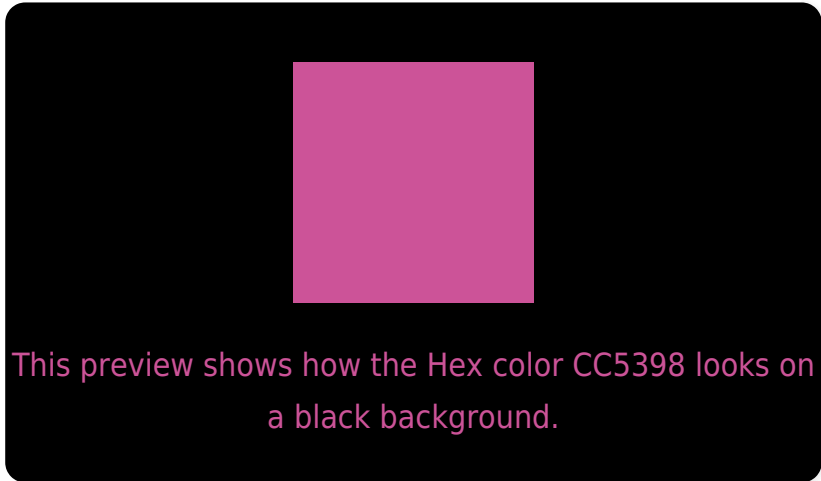
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC5398 Background



This preview shows how black text looks on a background with the Hex color CC5398.



This preview shows how white text looks on a background with the Hex color CC5398.

# 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**  
CC5398

**Protanopia**  
6E7EB7

**Deuteranopia**  
847C92



**Tritanopia**  
C75F65

# Trichromacy



**Original Color**  
CC5398



**Protanomaly**  
906EAC



**Deuteranomaly**  
9E6D94



**Tritanomaly**  
C95B78

# Monochromacy



**Original Color**  
CC5398



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
9B6F88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC5398 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 #CC5398 looks like.

```
.text, #text, p{  
    color:#CC5398  
}
```

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 #CC5398 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC5398
}
```

## Border

The CSS property to change the border of an element to Hex CC5398 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
#CC5398 }
```

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

```
.border{ border-color:#CC5398 }
```

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

Here you see how a box with a 4 pixel #CC5398 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC5398; -webkit-box-shadow:4px 4px  
4px 4px #CC5398; box-shadow:4px 4px 4px  
4px #CC5398 }
```

# Background

The CSS property to change the background color of an element to Hex CC5398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC5398 }
```

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

```
.background{ background-color:#CC5398 }
```

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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