

# Converting Colors

Hex(C5517B)

Have a look what the booklet for  
Hex(C5517B) contains.

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**Color**

**Hex(C5517B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5517B
RGB	197, 81, 123
RGB Percent	77%, 32%, 48%
CMY	0.2275, 0.6824, 0.5176
CMYK	0.00, 0.59, 0.38, 0.23
HSL	338°, 50%, 55%
HSV	338°, 59%, 77%
XYZ	29.5435, 19.1852, 20.8849
YIQ	120.4720, 55.6540, 37.6540

# Conversions

## Conversions Part 2

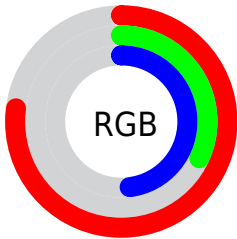
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 81, 123
Decimal	12931451
CIE <sub>Lab</sub>	50.90, 50.32, 0.01
CIE <sub>LCh</sub>	51, 50.321, 0.010
Yxy	19.1852, 0.4244, 0.2756
Android (android.graphics.Color)	4291121531 (0xFFC5517B)
YUV	120.4720, 1.2463, 67.1151
Hunter-Lab	43.8010, 43.7457, 2.3904

# Details

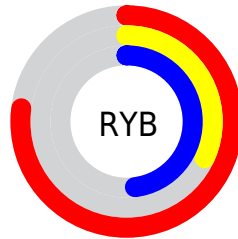
The Hex color **C5517B** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **51C59B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF87AF**, and **8B174A** is the 20% darker color. If you saturate the color by 10%, you get **C53D6E**, and if you desaturate by 10%, it is **C56588**.

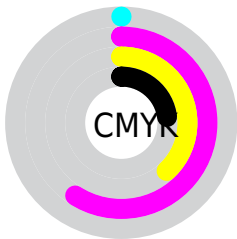
# Distribution



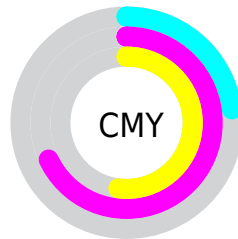
- Red (77%)
- Green (32%)
- Blue (48%)



- Red (77%)
- Yellow (32%)
- Blue (48%)



- Cyan (0%)
- Magenta (59%)
- Yellow (38%)
- Black (23%)



- Cyan (23%)
- Magenta (68%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5517B 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 C5517B by changing the saturation by 10% instead.



 C5517B

 C5517B

FFFFFF

 A83662

 FF87AF

 8B174A

 FFA3CB

 6F0034

 FFBFE7

 53001F

 FFDCFF

 3B0006

 FFF9FF

 170000

 000000

 C5517B

 C5517B

 C53D6E

 C56588

 C52A62

 C57894

 C51655

 C58CA1

 C50249

 C5A0AD

 C50047

 C5B4BA

 C5C7C6

 C5DBD3

 C5EFEO

 C5FFEC

# Harmonies

## Analogous

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



AD5CA5



C5517B



C55751

# Triad

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



C5517B



658329



0089C3

# Complementary

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



C5517B



51C59B

# 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.



008DA3



C5517B



238A4C

# Square

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



C5517B



90771A



008E78



007ECF

# Rectangle

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



C5517B



B96138



008E78



008BBA



# Sweetspot

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



C5517B



FFD1E2



9A51C5



80636E



000000



808080



# Same Dimension

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



C5517B



FF4A8C



C56051



635A5D



A3003B



24000D



# Inverse Universe

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



C5517B



FF4A8C



51B6C5



635A5D



A3003B



24000D



# Previews

## White Background



This preview shows how the Hex color C5517B looks on a white background.

## Color Contrast Check

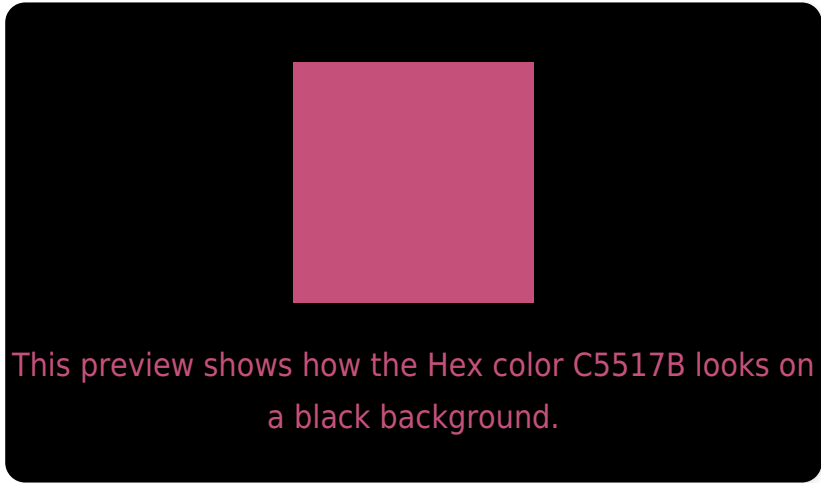
Large Text (above 18pt) WCAG AA ✓ Pass

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 C5517B Background



This preview shows how black text looks on a background with the Hex color C5517B.



This preview shows how white text looks on a background with the Hex color C5517B.

# 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**  
C5517B

**Protanopia**  
747993

**Deuteranopia**  
877675



**Tritanopia**  
C3575D

# Trichromacy



**Original Color**  
C5517B

**Protanomaly**  
916A8A

**Deuteranomaly**  
9E6977

**Tritanomaly**  
C45568

# Monochromacy



**Original Color**  
C5517B

**Achromatopsia**  
787878

**Achromatomaly**  
946A79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5517B 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 #C5517B looks like.

```
.text, #text, p{  
    color:#C5517B  
}
```

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 #C5517B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5517B
}
```

## Border

The CSS property to change the border of an element to Hex C5517B 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
#C5517B }
```

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

```
.border{ border-color:#C5517B }
```

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

Here you see how a box with a 4 pixel #C5517B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5517B; -webkit-box-shadow:4px 4px  
4px 4px #C5517B; box-shadow:4px 4px 4px  
4px #C5517B }
```

# Background

The CSS property to change the background color of an element to Hex C5517B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5517B }
```

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

```
.background{ background-color:#C5517B }
```

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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