

# Converting Colors

Hex(CB5C78)

Have a look what the booklet for  
Hex(CB5C78) contains.

<b>Hex(CB5C78)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(CB5C78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB5C78
RGB	203, 92, 120
RGB Percent	80%, 36%, 47%
CMY	0.2039, 0.6392, 0.5294
CMYK	0.00, 0.55, 0.41, 0.20
HSL	345°, 52%, 58%
HSV	345°, 55%, 80%
XYZ	31.8459, 21.7069, 20.2807
YIQ	128.3810, 57.1680, 32.2400

# Conversions

## Conversions Part 2

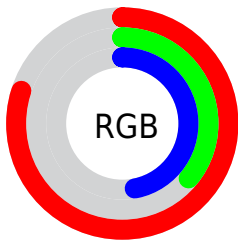
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 92, 120
Decimal	13327480
CIE <sub>Lab</sub>	53.71, 46.78, 5.98
CIE <sub>LCh</sub>	54, 47.163, 7.283
Yxy	21.7069, 0.4313, 0.2940
Android (android.graphics.Color)	4291517560 (0xFFCB5C78)
YUV	128.3810, -4.1318, 65.4409
Hunter-Lab	46.5906, 40.4758, 6.8048

# Details

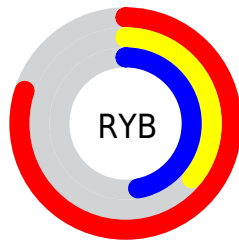
The Hex color **CB5C78** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **5CCBAF**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF92AC**, and **912648** is the 20% darker color. If you saturate the color by 10%, you get **CB4869**, and if you desaturate by 10%, it is **CB7087**.

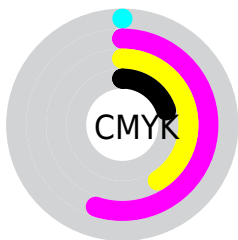
# Distribution



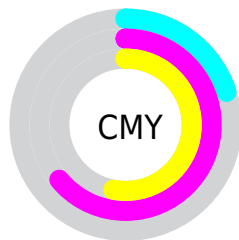
- Red (80%)
- Green (36%)
- Blue (47%)



- Red (80%)
- Yellow (36%)
- Blue (47%)



- Cyan (0%)
- Magenta (55%)
- Yellow (41%)
- Black (20%)



- Cyan (20%)
- Magenta (64%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB5C78 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 CB5C78 by changing the saturation by 10% instead.



 CB5C78

 CB5C78

FFFFFF

 AE425F

 FF92AC

 912648

 FFADC7

 750132

 FFCAE3

 59001D

 FFE6FF

 3F0001

 210001

 000000

 CB5C78

 CB5C78

 CB4869

 CB7087

 CB335A

 CB8596

 CB1F4A

 CB99A6

 CB0B3B

 CBADB5

 CB0033

 CBC2C4

 CBD6D3

 CBEAE2

 CBFEF1

 CBFFFF

# Harmonies

## Analogous

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



BA62A1



CB5C78



C66451

# Triad

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



CB5C78



628C3C



008DCB

# Complementary

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



CB5C78



5CCBAF

# 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.



0093B1



CB5C78



1D925F

# Square

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



CB5C78



8E812A



009489



4582D1

# Rectangle

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



CB5C78



B96E3C



009489



0090C4



# Sweetspot

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



CB5C78



FFD6E0



AD5CCB



80676D



000000



808080



# Same Dimension

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



CB5C78



FF5781



CB765C



665C5E



A6002A



26000A



# Inverse Universe

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



CB5C78



FF5781



5CB1CB



665C5E



A6002A



26000A



# Previews

## White Background



This preview shows how the Hex color CB5C78 looks on a white background.

## Color Contrast Check

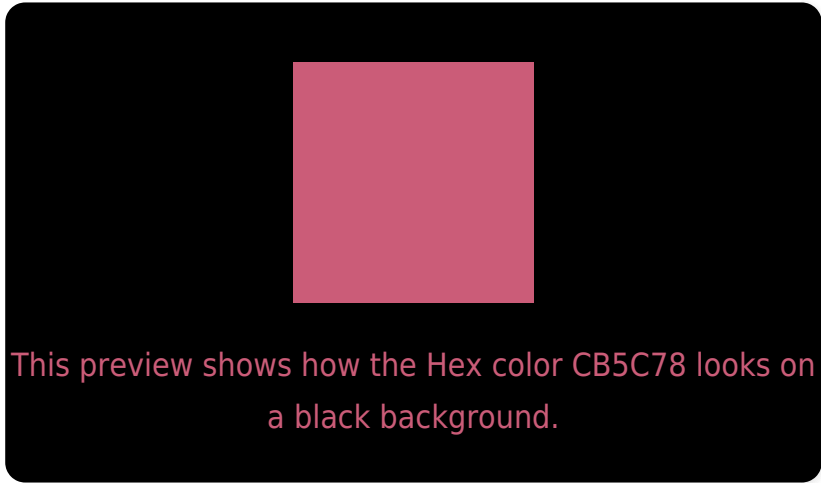
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB5C78 Background



This preview shows how black text looks on a background with the Hex color CB5C78.



This preview shows how white text looks on a background with the Hex color CB5C78.

# 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





# Trichromacy



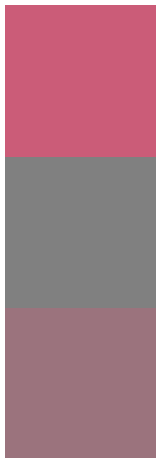
**Original Color**  
CB5C78

**Protanomaly**  
9B7385

**Deuteranomaly**  
A77075

**Tritanomaly**  
CA5E6D

# Monochromacy



**Original Color**  
CB5C78

**Achromatopsia**  
808080

**Achromatomaly**  
9B737D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB5C78 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 #CB5C78 looks like.

```
.text, #text, p{  
    color:#CB5C78  
}
```

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 #CB5C78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB5C78  
}
```

## Border

The CSS property to change the border of an element to Hex CB5C78 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  
#CB5C78 }
```

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

```
.border{ border-color:#CB5C78 }
```

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

Here you see how a box with a 4 pixel #CB5C78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB5C78; -webkit-box-shadow:4px 4px  
4px 4px #CB5C78; box-shadow:4px 4px 4px  
4px #CB5C78 }
```

# Background

The CSS property to change the background color of an element to Hex CB5C78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB5C78 }
```

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

```
.background{ background-color:#CB5C78 }
```

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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