

# Converting Colors

Hex(CB57A3)

Have a look what the booklet for  
Hex(CB57A3) contains.

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# **Color**

**Hex(CB57A3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB57A3
RGB	203, 87, 163
RGB Percent	80%, 34%, 64%
CMY	0.2039, 0.6588, 0.3608
CMYK	0.00, 0.57, 0.20, 0.20
HSL	321°, 53%, 57%
HSV	321°, 57%, 80%
XYZ	34.6477, 22.1572, 37.1010
YIQ	130.3480, 44.7400, 48.2280

# Conversions

## Conversions Part 2

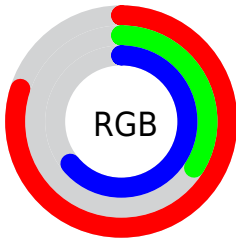
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 87, 163
Decimal	13326243
CIE <sub>Lab</sub>	54.19, 54.62, -18.67
CIE <sub>LCh</sub>	54, 57.720, 341.129
Yxy	22.1572, 0.3690, 0.2360
Android (android.graphics.Color)	4291516323 (0xFFCB57A3)
YUV	130.3480, 16.0974, 63.7158
Hunter-Lab	47.0715, 49.0125, -13.7814

# Details

The Hex color **CB57A3** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **57CB7F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF8EDA**, and **921D6F** is the 20% darker color. If you saturate the color by 10%, you get **CB439C**, and if you desaturate by 10%, it is **CB6BAA**.

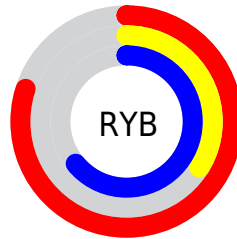
# Distribution



Red (80%)

Green (34%)

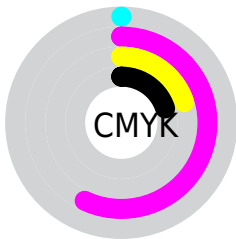
Blue (64%)



Red (80%)

Yellow (34%)

Blue (64%)

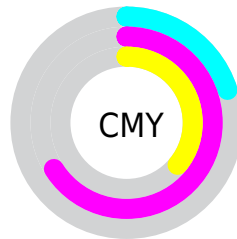


Cyan (0%)

Magenta (57%)

Yellow (20%)

Black (20%)



Cyan (20%)

Magenta (66%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB57A3 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 CB57A3 by changing the saturation by 10% instead.



 CB57A3

 CB57A3

FFFFFF

 AE3B89

 FF8EDA

 921D6F

 FFAAF7

 760057

 FFC6FF

 5B003F

 FFE3FF

 410029

 270014

 000000

 CB57A3

 CB57A3

 CB439C

 CB6BAA

 CB2E95

 CB80B1

 CB1A8E

 CB94B8

 CB0687

 CBA8BF

 CB0085

 CBBDC6

 CBD1CD

 CBE5D4

 CBF9DB

 CBFFE2

# Harmonies

## Analogous

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



9C6CCD



CB57A3



DB5171

# Triad

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



CB57A3



89850C



0097C2

# Complementary

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



CB57A3



57CB7F

# 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.



009993



CB57A3



529130

# Square

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



CB57A3



B4741B



00975F



0090E0

# Rectangle

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



CB57A3



D75851



00975F



0098B4



# Sweetspot

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



CB57A3



FFD4F0



7E57CB



806677



000000



808080



# Same Dimension

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



CB57A3



FF4FC2



CB576A



665C62



A6006D



260019



# Inverse Universe

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



CB57A3



FF4FC2



57CBB8



665C62



A6006D



260019



# Previews

## White Background



This preview shows how the Hex color CB57A3 looks on a white background.

## Color Contrast Check

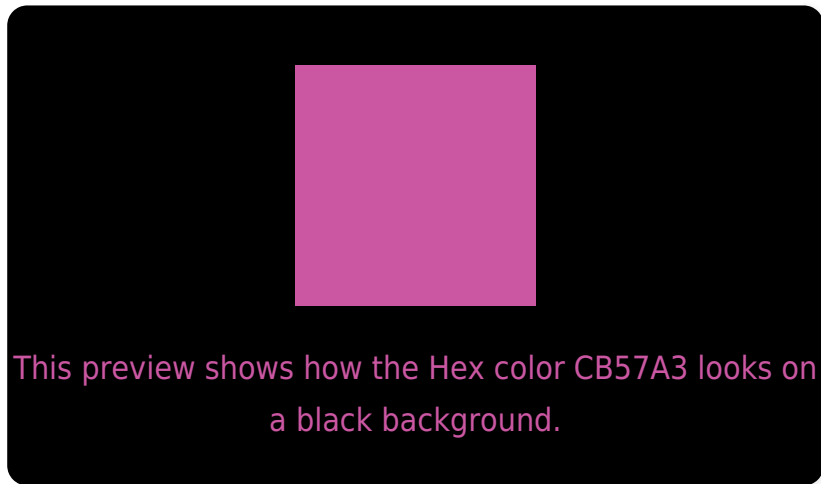
Large Text (above 18pt) WCAG AA ✓ Pass

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

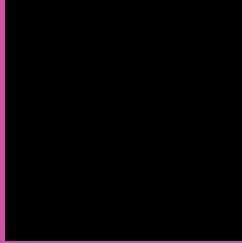
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CB57A3 Background



This preview shows how black text looks on a background with the Hex color CB57A3.

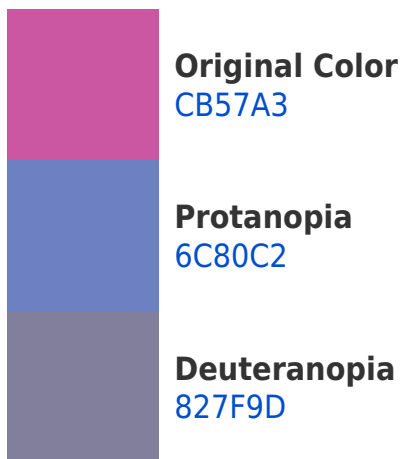


This preview shows how white text looks on a background with the Hex color CB57A3.

# 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**  
C6646B

# Trichromacy



**Original Color**  
CB57A3



**Protanomaly**  
8F71B7



**Deuteranomaly**  
9D709F

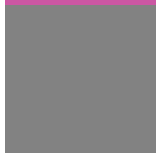


**Tritanomaly**  
C85F7F

# Monochromacy



**Original Color**  
CB57A3



**Achromatopsia**  
828282



**Achromatomaly**  
9D728E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB57A3 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 #CB57A3 looks like.

```
.text, #text, p{  
    color:#CB57A3  
}
```

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 #CB57A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB57A3
}
```

## Border

The CSS property to change the border of an element to Hex CB57A3 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
#CB57A3 }
```

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

```
.border{ border-color:#CB57A3 }
```

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

Here you see how a box with a 4 pixel #CB57A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB57A3; -webkit-box-shadow:4px 4px  
4px 4px #CB57A3; box-shadow:4px 4px 4px  
4px #CB57A3 }
```

# Background

The CSS property to change the background color of an element to Hex CB57A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB57A3 }
```

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

```
.background{ background-color:#CB57A3 }
```

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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