

# Converting Colors

Hex(CB6BA3)

Have a look what the booklet for  
Hex(CB6BA3) contains.

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# Color

**Hex(CB6BA3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB6BA3
RGB	203, 107, 163
RGB Percent	80%, 42%, 64%
CMY	0.2039, 0.5804, 0.3608
CMYK	0.00, 0.47, 0.20, 0.20
HSL	325°, 48%, 61%
HSV	325°, 47%, 80%
XYZ	36.4972, 25.8562, 37.7175
YIQ	142.0880, 39.2400, 37.7680

# Conversions

## Conversions Part 2

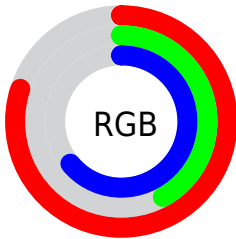
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 107, 163
Decimal	13331363
CIE <sub>Lab</sub>	57.90, 44.89, -13.05
CIE <sub>LCh</sub>	58, 46.743, 343.792
Yxy	25.8562, 0.3647, 0.2584
Android (android.graphics.Color)	4291521443 (0xFFCB6BA3)
YUV	142.0880, 10.3096, 53.4198
Hunter-Lab	50.8490, 39.1335, -8.3843

# Details

The Hex color **CB6BA3** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6BCB93**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFA1DA**, and **93376F** is the 20% darker color. If you saturate the color by 10%, you get **CB579B**, and if you desaturate by 10%, it is **CB7FAB**.

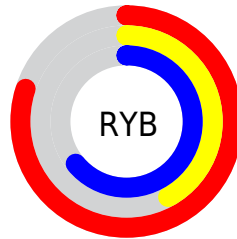
# Distribution



Red (80%)

Green (42%)

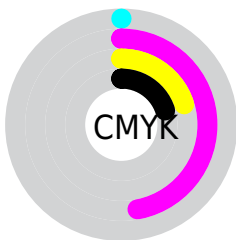
Blue (64%)



Red (80%)

Yellow (42%)

Blue (64%)

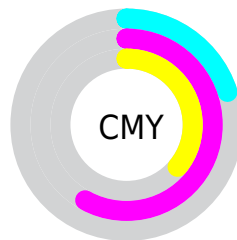


Cyan (0%)

Magenta (47%)

Yellow (20%)

Black (20%)



Cyan (20%)

Magenta (58%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB6BA3 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 CB6BA3 by changing the saturation by 10% instead.



 CB6BA3

 CB6BA3

FFFFFF

 AE5189

 FFA1DA

 93376F

 FFBDF6

 771B57

 FFD9FF

 5D003F

 FFF6FF

 430029

 2C0015

 000000

 CB6BA3

 CB6BA3

 CB579B

 CB7FAB

 CB4292

 CB94B4

 CB2E8A

 CBA8BC

 CB1A81

 CBBCC5

 CB0679

 CBD1CD

 CB0076

 CBE5D6

 CBF9DE

 CBFFE7

 CBFFEF

# Harmonies

## Analogous

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



A679C6



CB6BA3



D8687A

# Triad

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



CB6BA3



908F38



009DC3

# Complementary

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



CB6BA3



6BCB93

# 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.



00A09D



CB6BA3



63994E

# Square

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



CB6BA3



B5813B



129E73



0096D9

# Rectangle

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



CB6BA3



D46E60



129E73



009EB7



# Sweetspot

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



CB6BA3



FFDBF0



936BCB



806A76



000000



808080



# Same Dimension

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



CB6BA3



FF6EC2



CB6B73



665C62



A60061



260016



# Inverse Universe

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



CB6BA3



FF6EC2



6BCBC3



665C62



A60061



260016



# Previews

## White Background



This preview shows how the Hex color CB6BA3 looks on a white background.

## Color Contrast Check

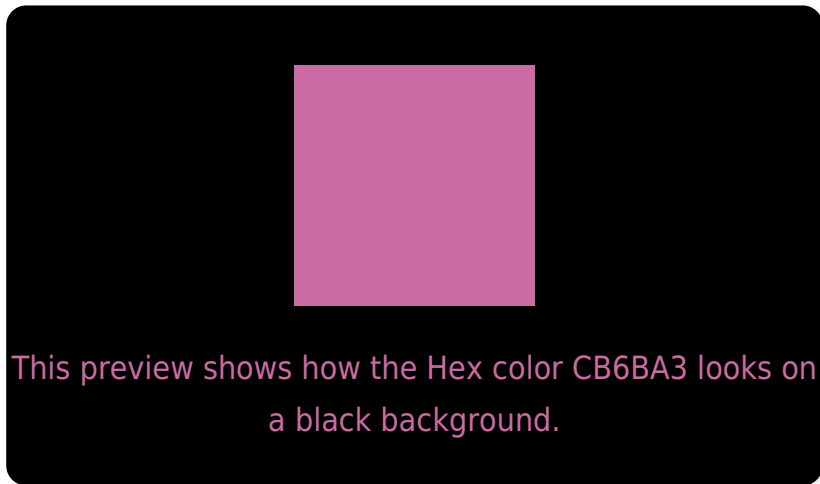
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB6BA3 Background



This preview shows how black text looks on a background with the Hex color CB6BA3.



This preview shows how white text looks on a background with the Hex color CB6BA3.

# 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](#).

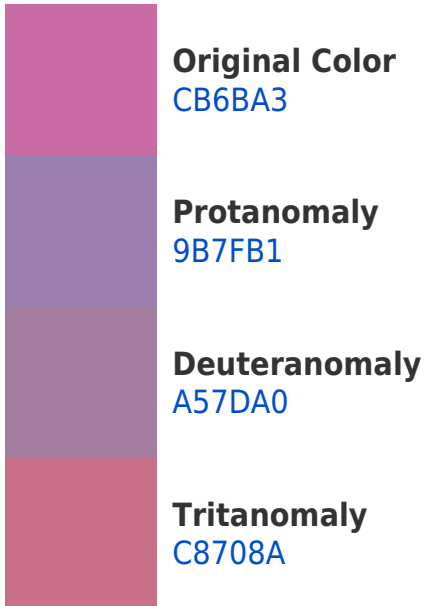
## Dichromacy





**Tritanopia**  
C7737B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB6BA3 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 #CB6BA3 looks like.

```
.text, #text, p{  
    color:#CB6BA3  
}
```

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 #CB6BA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB6BA3
}
```

## Border

The CSS property to change the border of an element to Hex CB6BA3 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
#CB6BA3 }
```

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

```
.border{ border-color:#CB6BA3 }
```

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

Here you see how a box with a 4 pixel #CB6BA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB6BA3; -webkit-box-shadow:4px 4px  
4px 4px #CB6BA3; box-shadow:4px 4px 4px  
4px #CB6BA3 }
```

# Background

The CSS property to change the background color of an element to Hex CB6BA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB6BA3 }
```

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

```
.background{ background-color:#CB6BA3 }
```

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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