

# Converting Colors

Hex(CB7B93)

Have a look what the booklet for  
Hex(CB7B93) contains.

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# **Color**

**Hex(CB7B93)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB7B93
RGB	203, 123, 147
RGB Percent	80%, 48%, 58%
CMY	0.2039, 0.5176, 0.4235
CMYK	0.00, 0.39, 0.28, 0.20
HSL	342°, 43%, 64%
HSV	342°, 39%, 80%
XYZ	36.9780, 28.9690, 31.2464
YIQ	149.6560, 39.9760, 24.4240

# Conversions

## Conversions Part 2

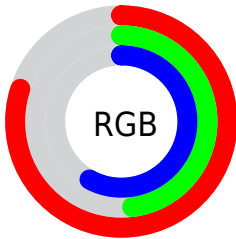
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">203, 123, 147</a>
Decimal	<a href="#">13335443</a>
CIELab	<a href="#">60.75, 34.17, 0.42</a>
CIElCh	<a href="#">61, 34.175, 0.696</a>
Yxy	<a href="#">28.9690, 0.3805, 0.2981</a>
Android (android.graphics.Color)	<a href="#">4291525523 (0xFFCB7B93)</a>
YUV	<a href="#">149.6560, -1.3094, 46.7827</a>
Hunter-Lab	<a href="#">53.8229, 28.4452, 3.2557</a>

# Details

The Hex color **CB7B93** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7BCBB3**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFB1C9**, and **934861** is the 20% darker color. If you saturate the color by 10%, you get **CB6785**, and if you desaturate by 10%, it is **CB8FA1**.

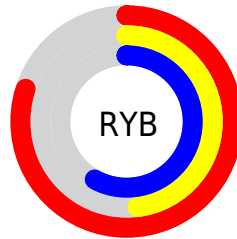
# Distribution



Red (80%)

Green (48%)

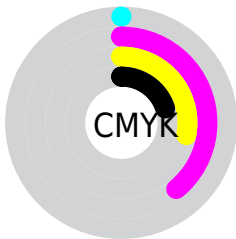
Blue (58%)



Red (80%)

Yellow (48%)

Blue (58%)

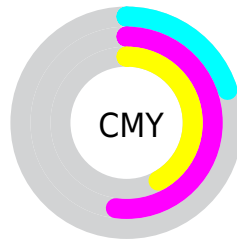


Cyan (0%)

Magenta (39%)

Yellow (28%)

Black (20%)



Cyan (20%)

Magenta (52%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB7B93 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 CB7B93 by changing the saturation by 10% instead.



 CB7B93

 CB7B93

FFFFFF

 AF6179

 FFB1C9

 934861

 FFCDE5

 783049

 FFE9FF

 5D1732

 44001E

 2F0003

 000000

 CB7B93

 CB7B93

 CB6785

 CB8FA1

 CB5277

 CBA4AF

 CB3E68

 CBB8BE

 CB2A5A

 CBCCCC

 CB164C

 CBE1DA

 CB013E

 CBF5E8

 CB003D

 CBFFF6

 CBFFFF

# Harmonies

## Analogous

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



B980B1



CB7B93



CC7E75

# Triad

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



CB7B93



869A5E



309DC6

# Complementary

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



CB7B93



7BCBB3

# 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.



05A2B0



CB7B93



62A074

# Square

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



CB7B93



A69156



38A392



6895CE

# Rectangle

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



CB7B93



C48365



38A392



1C9FC0



# Sweetspot

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



CB7B93



FFE0EA



B37BCB



806E73



000000



808080



# Same Dimension

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



CB7B93



FF87AB



CB8B7B



665C5F



A60032



26000B



# Inverse Universe

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



CB7B93



FF87AB



7BBBCB



665C5F



A60032

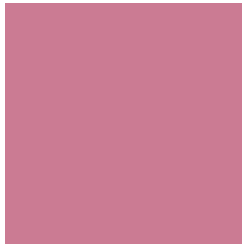


26000B



# Previews

## White Background



This preview shows how the Hex color CB7B93 looks on a white background.

## Color Contrast Check

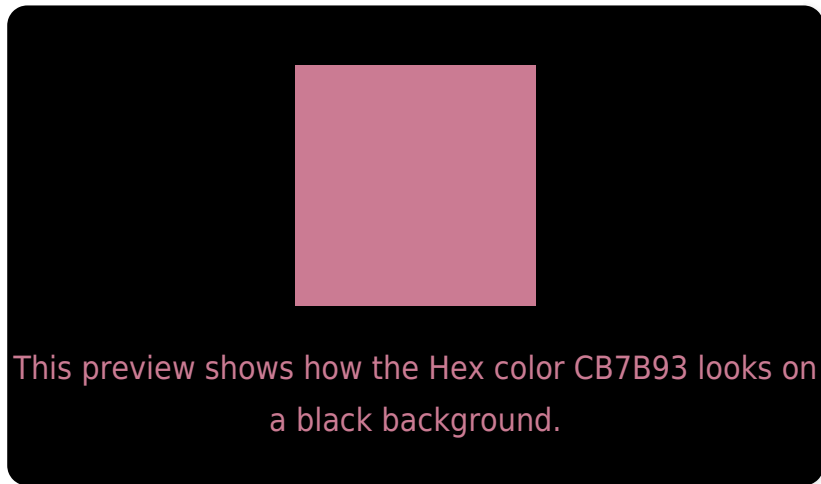
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB7B93 Background



This preview shows how black text looks on a background with the Hex color CB7B93.



This preview shows how white text looks on a background with the Hex color CB7B93.

# 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**  
CB7B93

**Protanomaly**  
A78A9C

**Deuteranomaly**  
B18791

**Tritanomaly**  
CA7C8B

# Monochromacy



**Original Color**  
CB7B93

**Achromatopsia**  
969696

**Achromatomaly**  
A98C95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB7B93 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 #CB7B93 looks like.

```
.text, #text, p{  
    color:#CB7B93  
}
```

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 #CB7B93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB7B93  
}
```

## Border

The CSS property to change the border of an element to Hex CB7B93 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  
#CB7B93 }
```

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

```
.border{ border-color:#CB7B93 }
```

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

Here you see how a box with a 4 pixel #CB7B93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB7B93; -webkit-box-shadow:4px 4px  
4px 4px #CB7B93; box-shadow:4px 4px 4px  
4px #CB7B93 }
```

# Background

The CSS property to change the background color of an element to Hex CB7B93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB7B93 }
```

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

```
.background{ background-color:#CB7B93 }
```

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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