

# Converting Colors

Hex(CB7590)

Have a look what the booklet for  
Hex(CB7590) contains.

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# **Color**

**Hex(CB7590)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | CB7590                     |
| RGB         | 203, 117, 144              |
| RGB Percent | 80%, 46%, 56%              |
| CMY         | 0.2039, 0.5412, 0.4353     |
| CMYK        | 0.00, 0.42, 0.29, 0.20     |
| HSL         | 341°, 45%, 63%             |
| HSV         | 341°, 42%, 80%             |
| XYZ         | 36.0239, 27.4327, 29.7819  |
| YIQ         | 145.7920, 42.5890, 26.6290 |

# Conversions

## Conversions Part 2

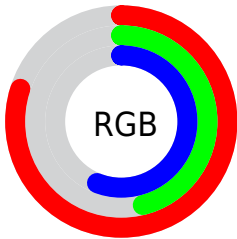
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 203, 117, 144                 |
| Decimal                             | 13333904                      |
| CIE Lab                             | 59.37, 36.96, 0.13            |
| CIE LCh                             | 59, 36.961, 0.197             |
| Yxy                                 | 27.4327, 0.3864,<br>0.2942    |
| Android<br>(android.graphics.Color) | 4291523984<br>(0xFFCB7590)    |
| YUV                                 | 145.7920, -0.8835,<br>50.1714 |
| Hunter-Lab                          | 52.3762, 31.1124,<br>2.9502   |

# Details

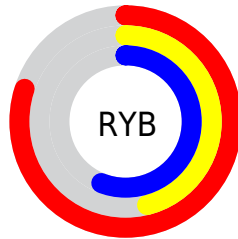
The Hex color **CB7590** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **75CBB0**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFABC6**, and **93425E** is the 20% darker color. If you saturate the color by 10%, you get **CB6182**, and if you desaturate by 10%, it is **CB899E**.

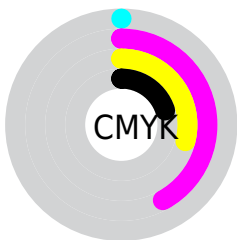
# Distribution



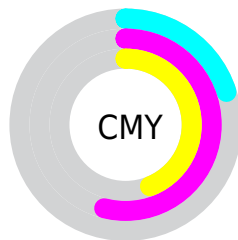
- Red (80%)
- Green (46%)
- Blue (56%)



- Red (80%)
- Yellow (46%)
- Blue (56%)



- Cyan (0%)
- Magenta (42%)
- Yellow (29%)
- Black (20%)



- Cyan (20%)
- Magenta (54%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB7590 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 CB7590 by changing the saturation by 10% instead.



 CB7590

 CB7590

FFFFFF

 AE5B76

 FFABC6

 93425E

 FFC6E2

 772946

 FFE3FE

 5D0E30

 43001B

 2E0002

 000000

 CB7590

 CB7590

 CB6182

 CB899E

 CB4C74

 CB9EAC

 CB3866

 CBB2BA

 CB2458

 CBC6C8

 CB104A

 CBD6D6

 CB0040

 CBEFE4

 CBFFF1

 CBFFFF

# Harmonies

## Analogous

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



B87BB0



CB7590



CC7870

# Triad

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



CB7590



829755



009BC7

# Complementary

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



CB7590



75CB80

# 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.



009FAF



CB7590



5A9D6E

# Square

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



CB7590



A38D4D



23A08E



5D92D0

# Rectangle

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



CB7590



C47E5E



23A08E



009DC0



# Sweetspot

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



CB7590



FFDEE8



B075CB



806B72



000000



808080



# Same Dimension

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



CB7590



FF7DA6



CB8575



665C5F



A60034



26000C



# Inverse Universe

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



CB7590



FF7DA6



75BBCB



665C5F



A60034

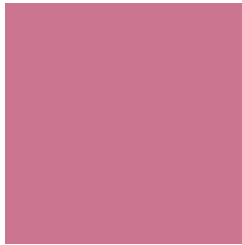


26000C



# Previews

## White Background



This preview shows how the Hex color CB7590 looks on a white background.

## Color Contrast Check

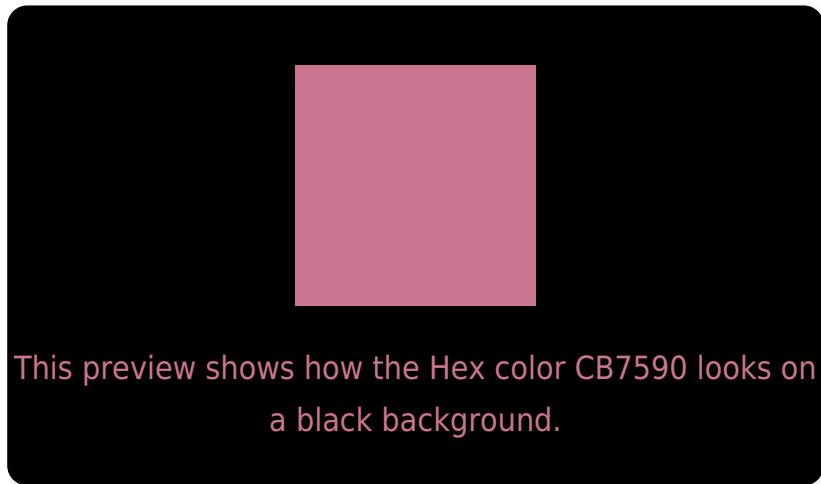
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB7590 Background



This preview shows how black text looks on a background with the Hex color CB7590.



This preview shows how white text looks on a background with the Hex color CB7590.

# 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](#).

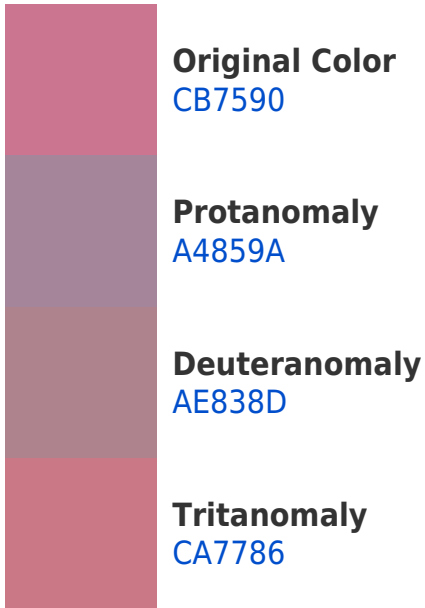
## Dichromacy





**Tritanopia**  
CA7881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB7590 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 #CB7590 looks like.

```
.text, #text, p{  
    color:#CB7590  
}
```

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 #CB7590 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB7590
}
```

## Border

The CSS property to change the border of an element to Hex CB7590 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
#CB7590 }
```

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

```
.border{ border-color:#CB7590 }
```

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

Here you see how a box with a 4 pixel #CB7590 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB7590; -webkit-box-shadow:4px 4px  
4px 4px #CB7590; box-shadow:4px 4px 4px  
4px #CB7590 }
```

# Background

The CSS property to change the background color of an element to Hex CB7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB7590 }
```

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

```
.background{ background-color:#CB7590 }
```

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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