

Converting Colors

Hex(CB678F)

Have a look what the booklet for
Hex(CB678F) contains.

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Color

Hex(CB678F)

Conversions

Conversions Part 1

Format	Color
Hex	CB678F
RGB	203, 103, 143
RGB Percent	80%, 40%, 56%
CMY	0.2039, 0.5961, 0.4392
CMYK	0.00, 0.49, 0.30, 0.20
HSL	336°, 49%, 60%
HSV	336°, 49%, 80%
XYZ	34.4368, 24.3802, 28.8774
YIQ	137.4600, 46.7600, 33.6400

Conversions

Conversions Part 2

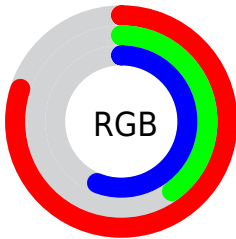
Format	Color
R _Y B	203, 103, 143
Decimal	13330319
CIE Lab	56.47, 44.09, -3.56
CIE LCh	56, 44.237, 355.390
Yxy	24.3802, 0.3927, 0.2780
Android (android.graphics.Color)	4291520399 (0xFFCB678F)
YUV	137.4600, 2.7312, 57.4786
Hunter-Lab	49.3763, 38.0837, -0.1120

Details

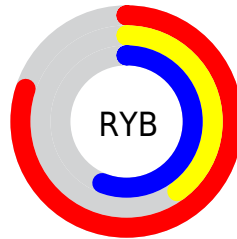
The Hex color **CB678F** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **67CBA3**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF9DC5**, and **92335D** is the 20% darker color. If you saturate the color by 10%, you get **CB5383**, and if you desaturate by 10%, it is **CB7B9B**.

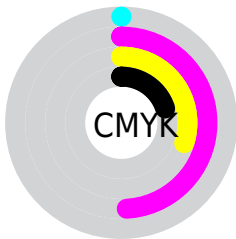
Distribution



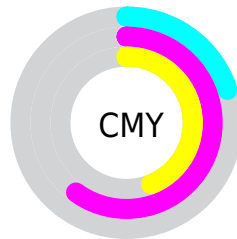
- Red (80%)
- Green (40%)
- Blue (56%)



- Red (80%)
- Yellow (40%)
- Blue (56%)



- Cyan (0%)
- Magenta (49%)
- Yellow (30%)
- Black (20%)



- Cyan (20%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB678F 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 CB678F by changing the saturation by 10% instead.

 CB678F

 CB678F

FFFFFF

 AE4D75

 FF9DC5

 92335D

 FFB8E1

 761645

 FFD5FD

 5B002F

 FFF2FF

 41001A

 2A0001

 000000

 CB678F

 CB678F

 CB5383

 CB7B9B

 CB3E77

 CB90A7

 CB2A6A

 CBA4B4

 CB165E

 CBB8C0

 CB0252

 CBCDCC

 CB0051

 CBE1D8

 CBF5E4

 CBFFF0

 CBFFFD

Harmonies

Analogous

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



B171B4



CB678F



CF6969

Triad

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



CB678F



7D8F3F



0096C6

Complementary

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



CB678F



67CBA3

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.



009AA7



CB678F



4E975A

Square

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



CB678F



A38338



009A80



2A8DD4

Rectangle

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



CB678F



C67052



009A80



0098BD

Sweetspot

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



CB678F



FFD9E8



A367CB



806972



000000



808080

Same Dimension

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



CB678F



FF69A5



CB7167



665C60



A60042



26000F

Inverse Universe

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



CB678F



FF69A5



67C1CB



665C60



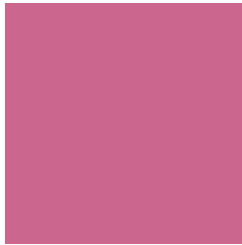
A60042



26000F

Previews

White Background



This preview shows how the Hex color CB678F looks on a white background.

Color Contrast Check

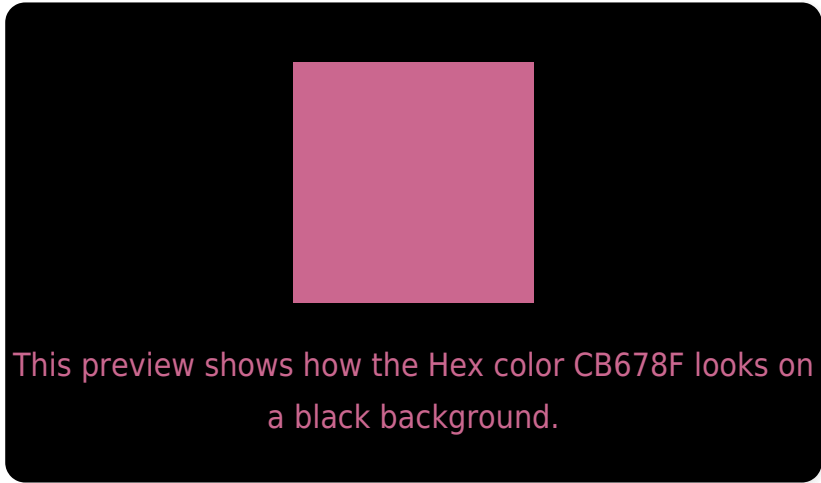
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB678F Background



This preview shows how black text looks on a background with the Hex color CB678F.



This preview shows how white text looks on a background with the Hex color CB678F.

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](#).

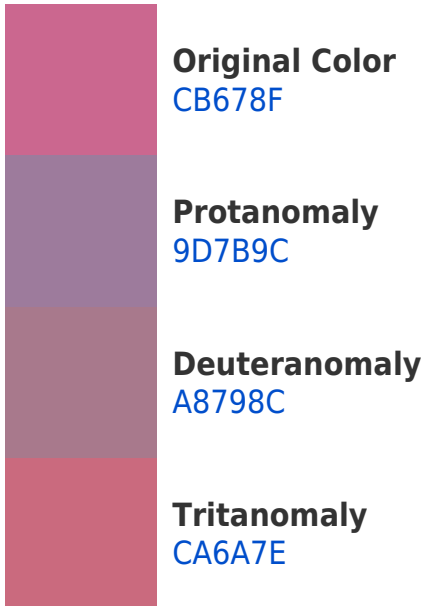
Dichromacy





Tritanopia
C96C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB678F 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 #CB678F looks like.

```
.text, #text, p{  
    color:#CB678F  
}
```

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 #CB678F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB678F
}
```

Border

The CSS property to change the border of an element to Hex CB678F 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
#CB678F }
```

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

```
.border{ border-color:#CB678F }
```

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

Here you see how a box with a 4 pixel #CB678F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB678F; -webkit-box-shadow:4px 4px  
4px 4px #CB678F; box-shadow:4px 4px 4px  
4px #CB678F }
```

Background

The CSS property to change the background color of an element to Hex CB678F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB678F }
```

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

```
.background{ background-color:#CB678F }
```

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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