

# Converting Colors

Hex(CB518F)

Have a look what the booklet for  
Hex(CB518F) contains.

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# Color

**Hex(CB518F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB518F
RGB	203, 81, 143
RGB Percent	80%, 32%, 56%
CMY	0.2039, 0.6824, 0.4392
CMYK	0.00, 0.60, 0.30, 0.20
HSL	330°, 54%, 56%
HSV	330°, 60%, 80%
XYZ	32.5290, 20.5645, 28.2415
YIQ	124.5460, 52.8100, 45.1460

# Conversions

## Conversions Part 2

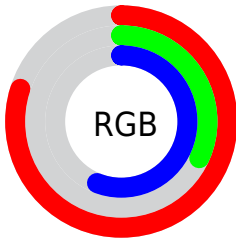
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 81, 143
Decimal	13324687
CIE <sub>Lab</sub>	52.47, 54.61, -9.50
CIE <sub>LCh</sub>	52, 55.434, 350.136
Yxy	20.5645, 0.3999, 0.2528
Android (android.graphics.Color)	4291514767 (0xFFCB518F)
YUV	124.5460, 9.0978, 68.8042
Hunter-Lab	45.3481, 48.6817, -5.1804

# Details

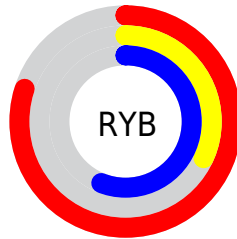
The Hex color **CB518F** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **51CB8D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF88C5**, and **91135D** is the 20% darker color. If you saturate the color by 10%, you get **CB3D85**, and if you desaturate by 10%, it is **CB6599**.

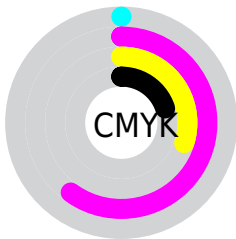
# Distribution



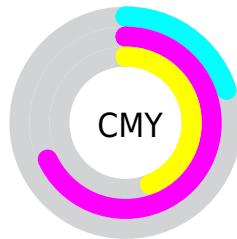
- Red (80%)
- Green (32%)
- Blue (56%)



- Red (80%)
- Yellow (32%)
- Blue (56%)



- Cyan (0%)
- Magenta (60%)
- Yellow (30%)
- Black (20%)



- Cyan (20%)
- Magenta (68%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB518F 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 CB518F by changing the saturation by 10% instead.




 CB518F

 CB518F

FFFFFF

 AE3575

 FF88C5

 91135D

 FFA4E1

 750045

 FFC0FD

 59002F

 FFDDFF

 40001A

 FFFAFF

 240001

 000000

 CB518F

 CB518F

 CB3D85

 CB6599

 CB287B

 CB7AA3

 CB1471

 CB8EAD

 CB0067

 CBA2B7

 CBB7C1

 CBCBCB

 CBDFD5

 CBF3DF

 CBFFE9

# Harmonies

## Analogous

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



A762BB



CB518F



D3515F

# Triad

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



CB518F



768417



0090C5

# Complementary

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



CB518F



51CB8D

# 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.



00949D



CB518F



3A8E3C

# Square

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



CB518F



A27513



00936B



0087DB

# Rectangle

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



CB518F



CA5B42



00936B



0092BA



# Sweetspot

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



CB518F



FFD1E8



8C51CB



806372



000000



808080



# Same Dimension

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



CB518F



FF47A5



CB5153



665C61



A60054



260013



# Inverse Universe

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



CB518F



FF47A5



51CBC9



665C61



A60054



260013



# Previews

## White Background



This preview shows how the Hex color CB518F looks on a white background.

## Color Contrast Check

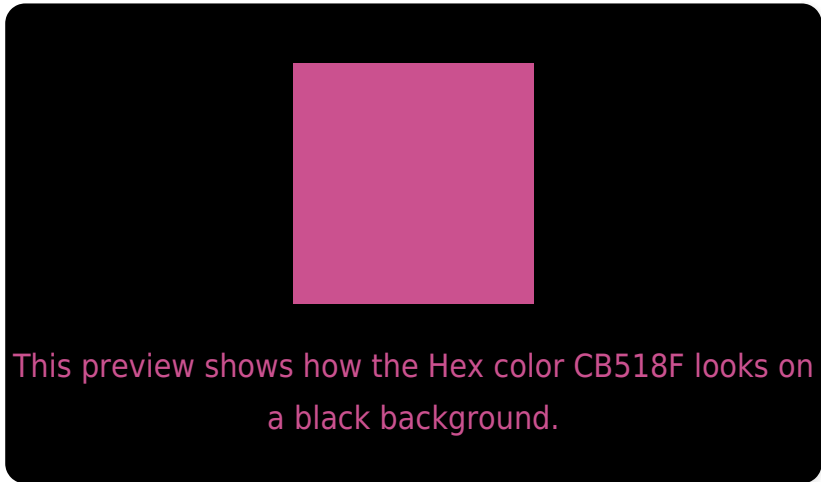
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB518F Background



This preview shows how black text looks on a background with the Hex color CB518F.

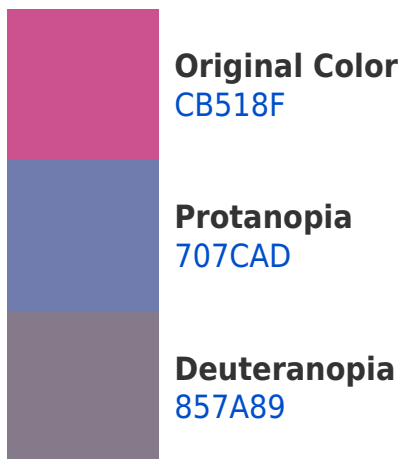


This preview shows how white text looks on a background with the Hex color CB518F.

# 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**  
C75B61

# Trichromacy



**Original Color**  
CB518F



**Protanomaly**  
916CA2



**Deuteranomaly**  
9E6B8B

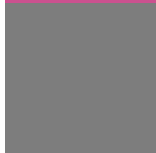


**Tritanomaly**  
C85772

# Monochromacy



**Original Color**  
CB518F



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
996D84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB518F 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 #CB518F looks like.

```
.text, #text, p{  
    color:#CB518F  
}
```

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 #CB518F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB518F
}
```

## Border

The CSS property to change the border of an element to Hex CB518F 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
#CB518F }
```

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

```
.border{ border-color:#CB518F }
```

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

Here you see how a box with a 4 pixel #CB518F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB518F; -webkit-box-shadow:4px 4px  
4px 4px #CB518F; box-shadow:4px 4px 4px  
4px #CB518F }
```

# Background

The CSS property to change the background color of an element to Hex CB518F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB518F }
```

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

```
.background{ background-color:#CB518F }
```

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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