

# Converting Colors

Hex(CF59BF)

Have a look what the booklet for  
Hex(CF59BF) contains.

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# Color

**Hex(CF59BF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF59BF
RGB	207, 89, 191
RGB Percent	81%, 35%, 75%
CMY	0.1882, 0.6510, 0.2510
CMYK	0.00, 0.57, 0.08, 0.19
HSL	308°, 55%, 58%
HSV	308°, 57%, 81%
XYZ	38.7085, 24.1717, 51.9157
YIQ	135.9100, 37.5860, 56.7380

# Conversions

## Conversions Part 2

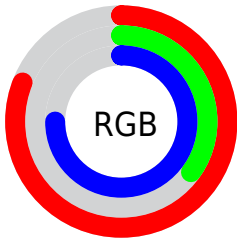
Format	Color
R <sub>Y</sub> B	207, 89, 191
Decimal	13588927
CIE Lab	56.26, 59.15, -31.66
CIE LCh	56, 67.095, 331.843
Yxy	24.1717, 0.3372, 0.2106
Android (android.graphics.Color)	4291779007 (0xFFCF59BF)
YUV	135.9100, 27.1594, 62.3459
Hunter-Lab	49.1648, 54.4985, -28.1921

# Details

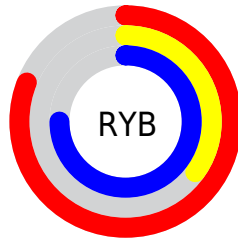
The Hex color **CF59BF** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **59CF69**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF90F8**, and **961D89** is the 20% darker color. If you saturate the color by 10%, you get **CF44BC**, and if you desaturate by 10%, it is **CF6EC2**.

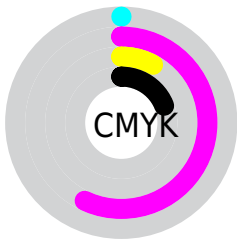
# Distribution



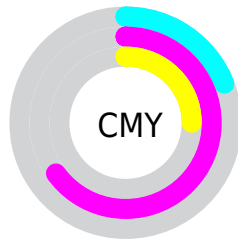
- Red (81%)
- Green (35%)
- Blue (75%)



- Red (81%)
- Yellow (35%)
- Blue (75%)



- Cyan (0%)
- Magenta (57%)
- Yellow (8%)
- Black (19%)



- Cyan (19%)
- Magenta (65%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF59BF 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 CF59BF by changing the saturation by 10% instead.



 CF59BF

 CF59BF

FFFFFF

 B23DA4

 FF90F8

 961D89

 FFADFF

 7A006F

 FFC9FF

 5F0057

 FFE6FF

 44003F

 2B0029

 000112

 000000

 CF59BF

 CF59BF

 CF44BC

 CF6EC2

 CF30B9

 CF82C5

 CF1BB7

 CF97C7

 CF06B4

 CFACCA

 CF00B3

 CFC1CD

 CFD5D0

 CFEAD3

 CFFFD5

 CFFFD8

# Harmonies

## Analogous

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



8976EB



CF59BF



EC4886

# Triad

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



CF59BF



9F8600



00A1C3

# Complementary

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



CF59BF



59CF69

# 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.



00A189



CF59BF



63950D

# Square

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



CF59BF



CC6E16



009E4C



009BEE

# Rectangle

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



CF59BF



ED4D5F



009E4C



00A1B1



# Sweetspot

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



CF59BF



FFD4F9



6959CF



80667C



000000



808080



# Same Dimension

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



CF59BF



FF52E7



CF5984



695E67



A80091



290023



# Inverse Universe

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



CF59BF



FF52E7



59CFA4



695E67



A80091



290023



# Previews

## White Background



This preview shows how the Hex color CF59BF looks on a white background.

## Color Contrast Check

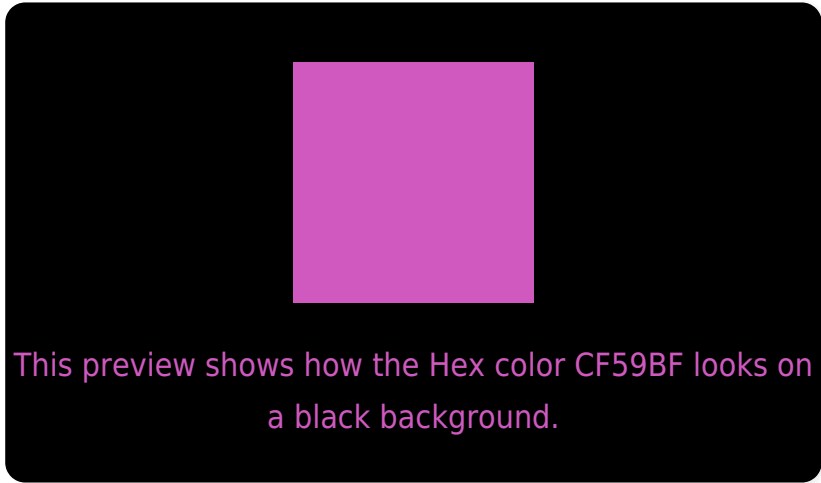
Large Text (above 18pt) WCAG AA ✓ Pass

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

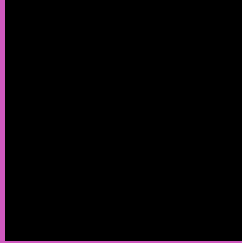
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CF59BF Background



This preview shows how black text looks on a background with the Hex color CF59BF.




This preview shows how white text looks on a background with the Hex color CF59BF.

# 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**  
C76C74

# Trichromacy



**Original Color**  
CF59BF



**Protanomaly**  
8874D6



**Deuteranomaly**  
9875BB



**Tritanomaly**  
CA658F

# Monochromacy



**Original Color**  
CF59BF



**Achromatopsia**  
888888



**Achromatomaly**  
A2779C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF59BF 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 #CF59BF looks like.

```
.text, #text, p{  
    color:#CF59BF  
}
```

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 #CF59BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF59BF
}
```

## Border

The CSS property to change the border of an element to Hex CF59BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

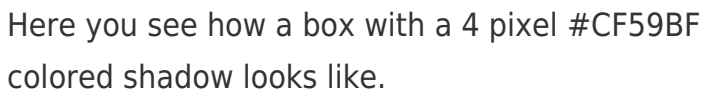
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CF59BF }
```

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

```
.border{ border-color:#CF59BF }
```

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



Here you see how a box with a 4 pixel `#CF59BF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF59BF; -webkit-box-shadow:4px 4px  
4px 4px #CF59BF; box-shadow:4px 4px 4px  
4px #CF59BF }
```

# Background

The CSS property to change the background color of an element to Hex CF59BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF59BF }
```

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

```
.background{ background-color:#CF59BF }
```

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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