

# Converting Colors

Hex(CF259C)

Have a look what the booklet for  
Hex(CF259C) contains.

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# Color

Hex(CF259C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF259C
RGB	207, 37, 156
RGB Percent	81%, 15%, 61%
CMY	0.1882, 0.8549, 0.3882
CMYK	0.00, 0.82, 0.25, 0.19
HSL	318°, 70%, 48%
HSV	318°, 82%, 81%
XYZ	32.3944, 16.9888, 33.0243
YIQ	101.3960, 63.1210, 73.0490

# Conversions

## Conversions Part 2

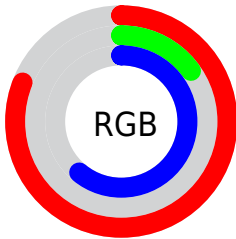
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 37, 156
Decimal	13575580
CIE <sub>Lab</sub>	48.25, 72.34, -23.61
CIE <sub>LCh</sub>	48, 76.091, 341.926
Yxy	16.9888, 0.3931, 0.2062
Android (android.graphics.Color)	4291765660 (0xFFCF259C)
YUV	101.3960, 26.9198, 92.6147
Hunter-Lab	41.2175, 68.1594, -18.6521

# Details

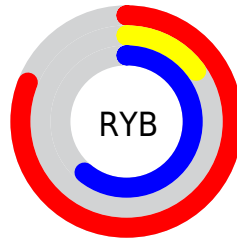
The Hex color **CF259C** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark muted rose. A complement of this color would be **25CF58**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF68D3**, and **940068** is the 20% darker color. If you saturate the color by 10%, you get **CF1096**, and if you desaturate by 10%, it is **CF3AA2**.

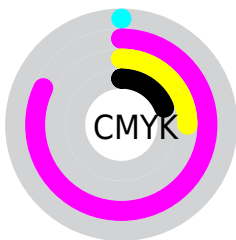
# Distribution



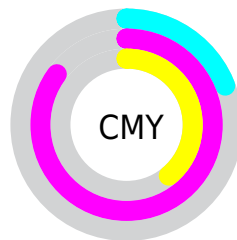
- Red (81%)
- Green (15%)
- Blue (61%)



- Red (81%)
- Yellow (15%)
- Blue (61%)



- Cyan (0%)
- Magenta (82%)
- Yellow (25%)
- Black (19%)



- Cyan (19%)
- Magenta (85%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF259C 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 CF259C by changing the saturation by 10% instead.



 CF259C

 CF259C

FFFFFF

 B10082

 FF68D3

 940068

 FF85EF

 770050

 FFA2FF

 5A0039

 FFC0FF

 400023

 FFDDFF

 220009

 FFFBFF

 000000

 CF259C

 CF259C

 CF1096

 CF3AA2

 CF0091

 CF4EA8

 CF63AF

 CF78B5

 CF8CBB

 CFA1C1

 CFB6C7

 CFCBCE

 CFDFD4

# Harmonies

## Analogous

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



9253D4



CF259C



E10D5C

# Triad

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



CF259C



747800



008CC8

# Complementary

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



CF259C



25CF58

# 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.



008E8B



CF259C



1E8500

# Square

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



CF259C



AA6100



008B48



0085EE

# Rectangle

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



CF259C



D92E33



008B48



008DB5



# Sweetspot

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



CF259C



FFBFEC



5825CF



805974



000000



808080



# Same Dimension

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



CF259C



FF03B3



CF2547



695E65



A80076



29001D



# Inverse Universe

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



CF259C



FF03B3



25CFAD



695E65



A80076



29001D



# Previews

## White Background



This preview shows how the Hex color CF259C looks on a white background.

## Color Contrast Check

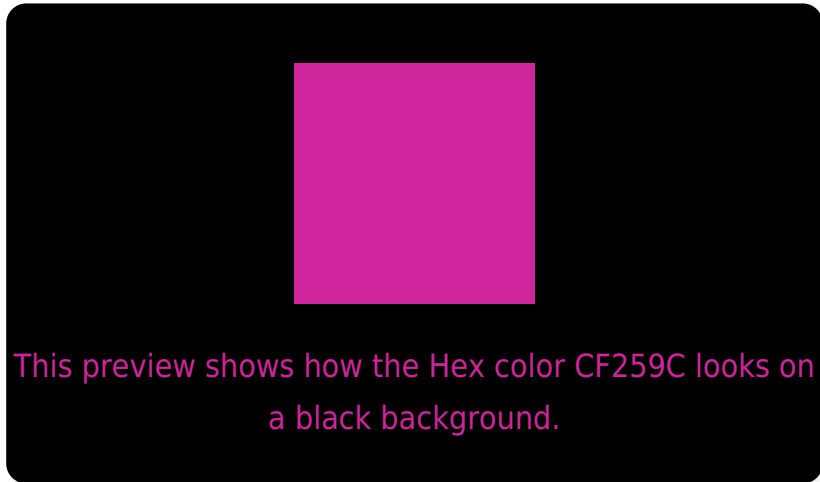
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex CF259C Background



This preview shows how black text looks on a background with the Hex color CF259C.

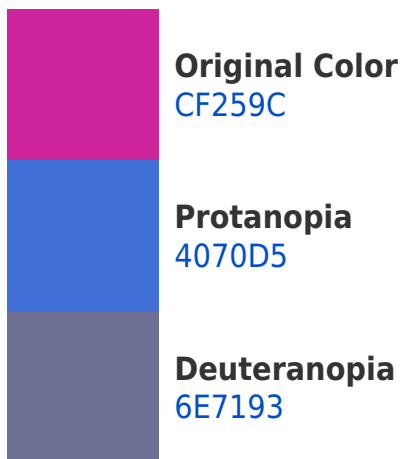



This preview shows how white text looks on a background with the Hex color CF259C.

# 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](#).

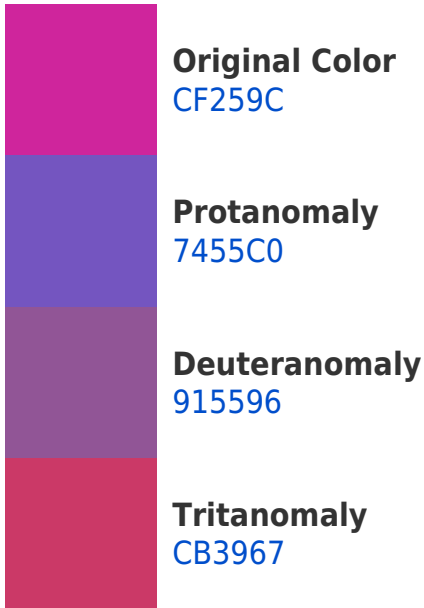
## Dichromacy





**Tritanopia**  
C84549

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF259C 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 #CF259C looks like.

```
.text, #text, p{  
    color:#CF259C  
}
```

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 #CF259C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF259C
}
```

## Border

The CSS property to change the border of an element to Hex CF259C 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
#CF259C }
```

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

```
.border{ border-color:#CF259C }
```

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

Here you see how a box with a 4 pixel #CF259C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF259C; -webkit-box-shadow:4px 4px  
4px 4px #CF259C; box-shadow:4px 4px 4px  
4px #CF259C }
```

# Background

The CSS property to change the background color of an element to Hex CF259C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF259C }
```

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

```
.background{ background-color:#CF259C }
```

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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