

# Converting Colors

Hex(C5309C)

Have a look what the booklet for  
Hex(C5309C) contains.

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**Color**

**Hex(C5309C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5309C
RGB	197, 48, 156
RGB Percent	77%, 19%, 61%
CMY	0.2275, 0.8118, 0.3882
CMYK	0.00, 0.76, 0.21, 0.23
HSL	317°, 61%, 48%
HSV	317°, 76%, 77%
XYZ	30.0837, 16.3845, 33.0294
YIQ	104.8630, 54.1360, 65.1760

# Conversions

## Conversions Part 2

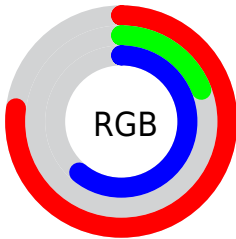
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 48, 156
Decimal	12923036
CIE <sub>Lab</sub>	47.47, 67.15, -24.94
CIE <sub>LCh</sub>	47, 71.633, 339.622
Yxy	16.3845, 0.3784, 0.2061
Android (android.graphics.Color)	4291113116 (0xFFC5309C)
YUV	104.8630, 25.2105, 80.8041
Hunter-Lab	40.4778, 61.8275, -20.0455

# Details

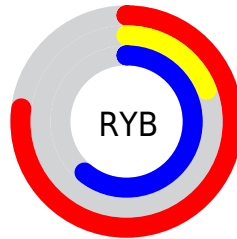
The Hex color **C5309C** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **30C559**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF6DD3**, and **8B0068** is the 20% darker color. If you saturate the color by 10%, you get **C51C97**, and if you desaturate by 10%, it is **C544A1**.

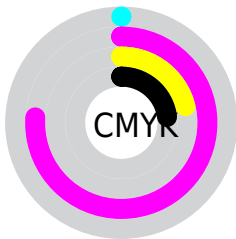
# Distribution



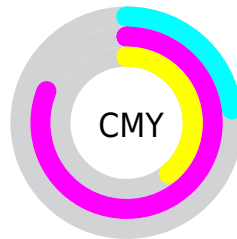
- Red (77%)
- Green (19%)
- Blue (61%)



- Red (77%)
- Yellow (19%)
- Blue (61%)



- Cyan (0%)
- Magenta (76%)
- Yellow (21%)
- Black (23%)



- Cyan (23%)
- Magenta (81%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5309C 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 C5309C by changing the saturation by 10% instead.



 C5309C

 C5309C

FFFFFF

 A80082

 FF6DD3

 8B0068

 FF8AEF

 6F0050

 FFA6FF

 530039

 FFC3FF

 390023

 FFE1FF

 180009

 000000

 C5309C

 C5309C

 C51C97

 C544A1

 C50991

 C557A7

 C5008F

 C56BAC

 C57FB2

 C593B7

 C5A6BD

 C5BAC2

 C5CEC7

 C5E1CD

# Harmonies

## Analogous

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



8856CF



C5309C



D91D60

# Triad

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



C5309C



777400



0089BD

# Complementary

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



C5309C



30C559

# 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.



008A83



C5309C



308100

# Square

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



C5309C



A95E00



008844



0083E3

# Rectangle

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



C5309C



D33139



008844



008AAB



# Sweetspot

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



C5309C



FFC4EF



5830C5



805C76



000000



808080



# Same Dimension

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



C5309C



FF17BF



C53053



635A61



A30076



24001A



# Inverse Universe

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



C5309C



FF17BF



30C5A2



635A61



A30076



24001A



# Previews

## White Background



This preview shows how the Hex color C5309C looks on a white background.

## Color Contrast Check

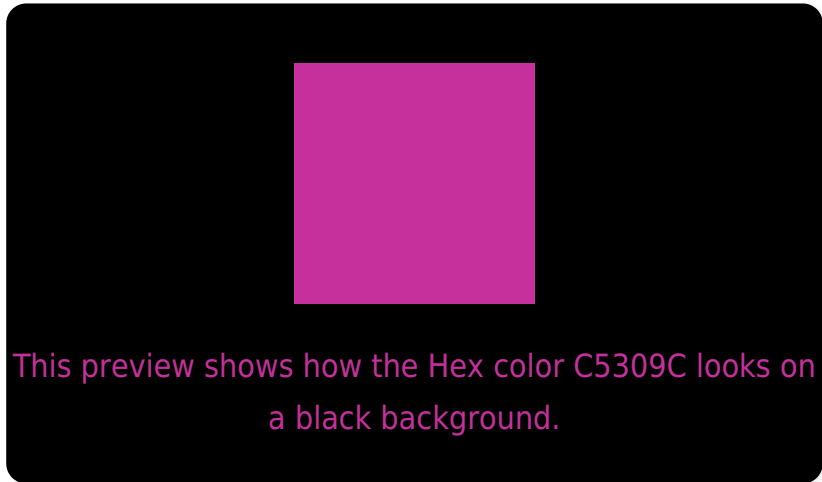
Large Text (above 18pt) WCAG AA ✓ Pass

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 C5309C Background



This preview shows how black text looks on a background with the Hex color C5309C.

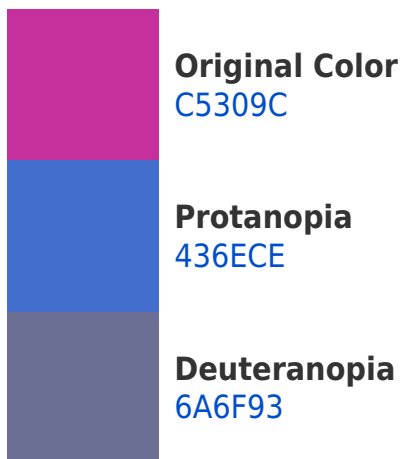


This preview shows how white text looks on a background with the Hex color C5309C.

# 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



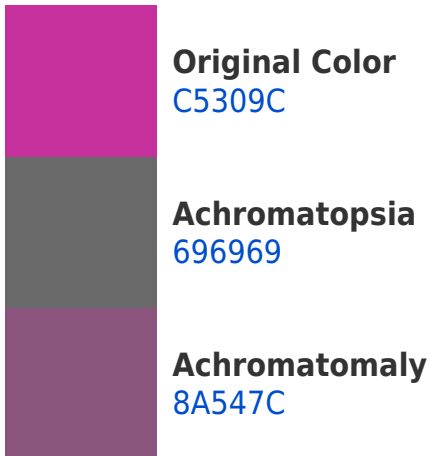


**Tritanopia**  
BE4A4E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5309C 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 #C5309C looks like.

```
.text, #text, p{  
    color:#C5309C  
}
```

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 #C5309C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5309C
}
```

## Border

The CSS property to change the border of an element to Hex C5309C 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
#C5309C }
```

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

```
.border{ border-color:#C5309C }
```

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

Here you see how a box with a 4 pixel #C5309C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5309C; -webkit-box-shadow:4px 4px  
4px 4px #C5309C; box-shadow:4px 4px 4px  
4px #C5309C }
```

# Background

The CSS property to change the background color of an element to Hex C5309C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5309C }
```

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

```
.background{ background-color:#C5309C }
```

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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