

# Converting Colors

Hex(C309A2)

Have a look what the booklet for  
Hex(C309A2) contains.

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**Color**

**Hex(C309A2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C309A2
RGB	195, 9, 162
RGB Percent	76%, 4%, 64%
CMY	0.2353, 0.9647, 0.3647
CMYK	0.00, 0.95, 0.17, 0.24
HSL	311°, 91%, 40%
HSV	311°, 95%, 76%
XYZ	29.1250, 14.4061, 35.4280
YIQ	82.0560, 61.7430, 87.0150

# Conversions

## Conversions Part 2

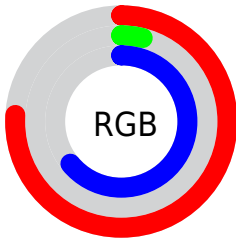
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	195, 9, 162
Decimal	12781986
CIE Lab	44.81, 74.98, -32.72
CIE LCh	45, 81.805, 336.427
Yxy	14.4061, 0.3689, 0.1825
Android (android.graphics.Color)	4290972066 (0xFFC309A2)
YUV	82.0560, 39.4124, 99.0519
Hunter-Lab	37.9554, 70.5495, -28.7732

# Details

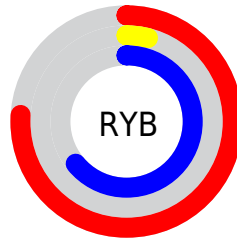
The Hex color **C309A2** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **09C32A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF5BD9**, and **88006E** is the 20% darker color. If you saturate the color by 10%, you get **C300A0**, and if you desaturate by 10%, it is **C31CA5**.

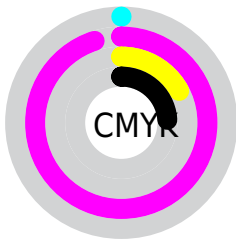
# Distribution



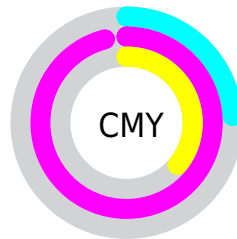
- Red (76%)
- Green (4%)
- Blue (64%)



- Red (76%)
- Yellow (4%)
- Blue (64%)



- Cyan (0%)
- Magenta (95%)
- Yellow (17%)
- Black (24%)



- Cyan (24%)
- Magenta (96%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C309A2 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 C309A2 by changing the saturation by 10% instead.



 C309A2

 C309A2

FFFFFF

 A50087

 FF5BD9

 88006E

 FF79F6

 6C0055

 FF96FF

 50003D

 FFB4FF

 350027

 FFD1FF

 10000F

 FFEFFF

 000000

 C309A2

 C309A2

 C300A0

 C31CA5

 C330A9

 C343AC

 C357B0

 C36BB3

 C37EB7

 C392BA

 C3A5BE

 C3B8C1

# Harmonies

## Analogous

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



764FDA



C309A2



DC005F

# Triad

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



C309A2



756C00



0085BA

# Complementary

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



C309A2



09C32A

# 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.



008578



C309A2



207B00

# Square

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



C309A2



AB5100



00822E



0080E9

# Rectangle

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



C309A2



D80033



00822E



0086A6



# Sweetspot

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



C309A2



FCB3EF



2809C3



805378



000000



808080



# Same Dimension

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



C309A2



FC00D0



C30947



61575F



A10084



21001B



# Inverse Universe

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



C309A2



FC00D0



09C385



61575F



A10084



21001B



# Previews

## White Background



This preview shows how the Hex color C309A2 looks on a white background.

## Color Contrast Check

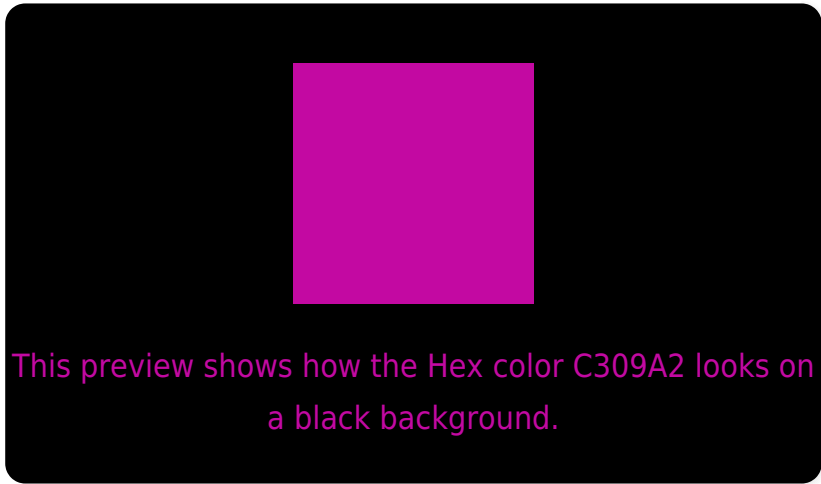
Large Text (above 18pt) WCAG AA ✓ Pass

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

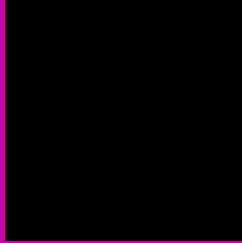
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex C309A2 Background



This preview shows how black text looks on a background with the Hex color C309A2.



This preview shows how white text looks on a background with the Hex color C309A2.

# Color Blindness Simulation

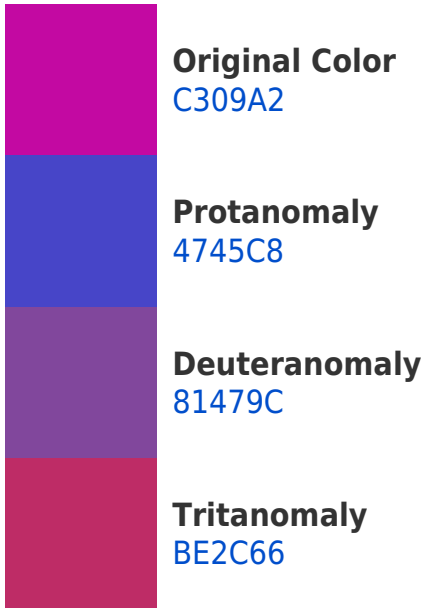
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

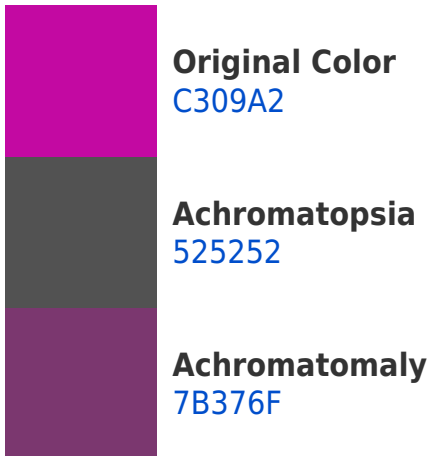




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C309A2 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 #C309A2 looks like.

```
.text, #text, p{  
    color:#C309A2  
}
```

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 #C309A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C309A2
}
```

## Border

The CSS property to change the border of an element to Hex C309A2 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
#C309A2 }
```

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

```
.border{ border-color:#C309A2 }
```

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

Here you see how a box with a 4 pixel #C309A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C309A2; -webkit-box-shadow:4px 4px  
4px 4px #C309A2; box-shadow:4px 4px 4px  
4px #C309A2 }
```

# Background

The CSS property to change the background color of an element to Hex C309A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C309A2 }
```

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

```
.background{ background-color:#C309A2 }
```

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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