

# Converting Colors

Hex(309FEC)

Have a look what the booklet for  
Hex(309FEC) contains.

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# **Color**

**Hex(309FEC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	309FEC
RGB	48, 159, 236
RGB Percent	19%, 62%, 93%
CMY	0.8118, 0.3765, 0.0745
CMYK	0.80, 0.33, 0.00, 0.07
HSL	205°, 83%, 56%
HSV	205°, 80%, 93%
XYZ	28.7574, 31.4808, 83.9176
YIQ	134.5890, -90.8730, 0.4150

# Conversions

## Conversions Part 2

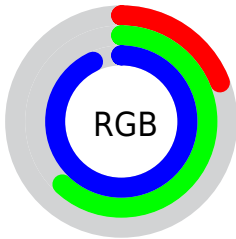
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	48, 118, 236
Decimal	3186668
CIE Lab	62.91, -4.47, -47.32
CIE LCh	63, 47.526, 264.604
Yxy	31.4808, 0.1995, 0.2184
Android (android.graphics.Color)	4281376748 (0xFF309FEC)
YUV	134.5890, 49.9956, -75.9386
Hunter-Lab	56.1077, -6.7004, -49.4017

# Details

The Hex color **309FEC** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **EC7D30**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **7AD5FF**, and **006CB4** is the 20% darker color. If you saturate the color by 10%, you get **1895EC**, and if you desaturate by 10%, it is **48A9EC**.

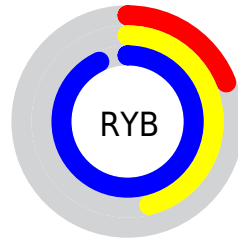
# Distribution



Red (19%)

Green (62%)

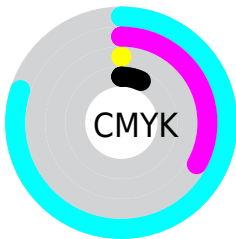
Blue (93%)



Red (19%)

Yellow (46%)

Blue (93%)

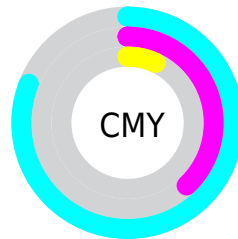


Cyan (80%)

Magenta (33%)

Yellow (0%)

Black (7%)



Cyan (81%)

Magenta (38%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 309FEC 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 309FEC by changing the saturation by 10% instead.



 309FEC

 309FEC

FFFFFF

 0085D0

 7AD5FF

 006CB4

 9AF2FF

 005499

 B9FFFF

 003D7E

 D8FFFF


 002865

 F7FFFF

 00144C

 000535

 00021F

 000001

■ 309FEC

■ 309FEC

■ 1895EC

■ 48A9EC

■ 018CEC

■ 5FB2EC

■ 008BEC

■ 77BCEC

■ 8EC6EC

■ A6CFEC

■ BED9EC

■ D5E3EC

■ EDECEC

■ FFF6EC

# Harmonies

## Analogous

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



00A9DC



309FEC



8F90E5

# Triad

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



309FEC



E77777



5BA965

# Complementary

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



309FEC



EC7D30

# 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.



8EA048



309FEC



D78454

# Square

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



309FEC



E275A2



B89341



00AD8F

# Rectangle

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



309FEC



B685D5



B89341



6EA75A

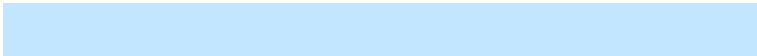


# Sweetspot

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



309FEC



C2E6FF



30EC7B



5B7080



000000



808080

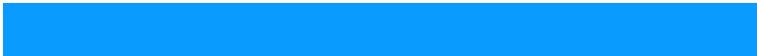


# Same Dimension

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



309FEC



0A9BFF



3043EC



6A7075



006BB5



002036



# Inverse Universe

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



EC309F



FF0A9B



ECD930



756A70



B5006B



360020



# Previews

## White Background



This preview shows how the Hex color 309FEC looks on a white background.

## Color Contrast Check

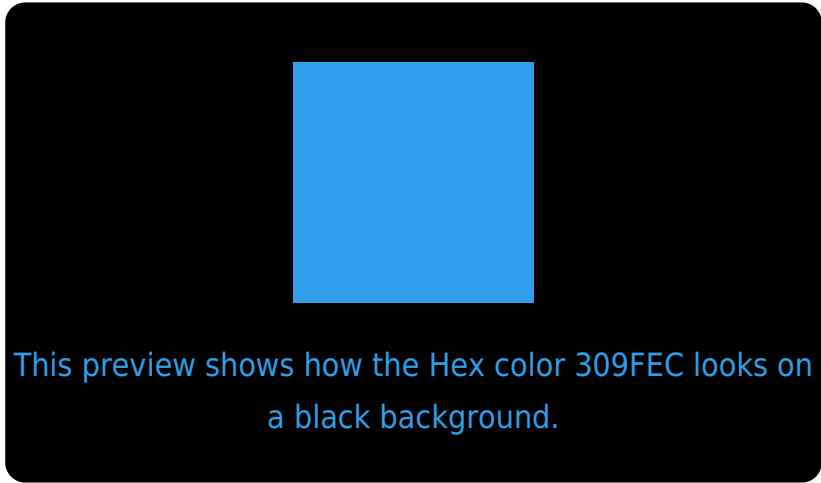
Large Text (above 18pt) WCAG AA × Fail

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

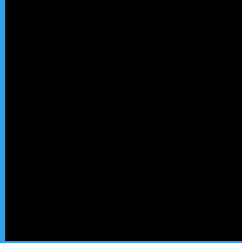
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

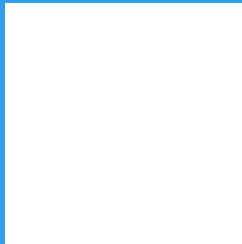
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 309FEC Background



This preview shows how black text looks on a background with the Hex color 309FEC.

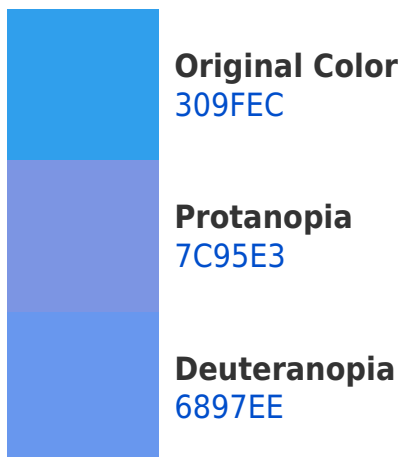


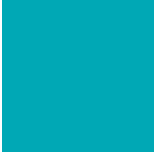
This preview shows how white text looks on a background with the Hex color 309FEC.

# 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](#).

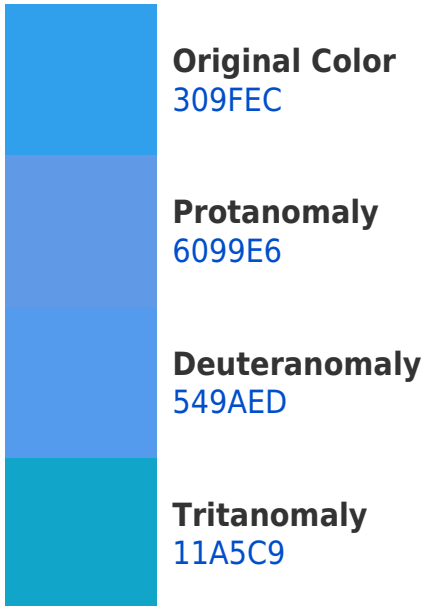
## Dichromacy



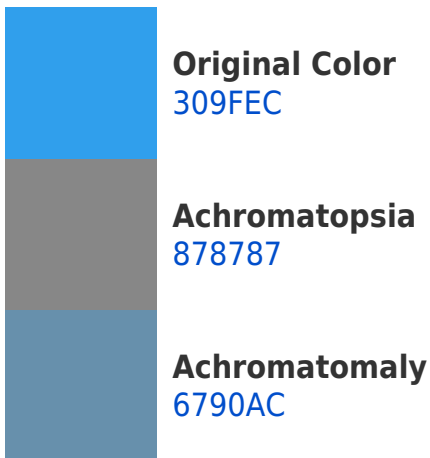


**Tritanopia**  
00A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 309FEC 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 #309FEC looks like.

```
.text, #text, p{  
    color:#309FEC  
}
```

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 #309FEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #309FEC
}
```

## Border

The CSS property to change the border of an element to Hex 309FEC 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
#309FEC }
```

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

```
.border{ border-color:#309FEC }
```

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

Here you see how a box with a 4 pixel #309FEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #309FEC; -webkit-box-shadow:4px 4px  
4px 4px #309FEC; box-shadow:4px 4px 4px  
4px #309FEC }
```

# Background

The CSS property to change the background color of an element to Hex 309FEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#309FEC }
```

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

```
.background{ background-color:#309FEC }
```

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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