

Converting Colors

Hex(309FFA)

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

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Color

Hex(309FFA)

Conversions

Conversions Part 1

Format	Color
Hex	309FFA
RGB	48, 159, 250
RGB Percent	19%, 62%, 98%
CMY	0.8118, 0.3765, 0.0196
CMYK	0.81, 0.36, 0.00, 0.02
HSL	207°, 95%, 58%
HSV	207°, 81%, 98%
XYZ	30.8724, 32.3268, 95.0550
YIQ	136.1850, -95.3670, 4.7690

Conversions

Conversions Part 2

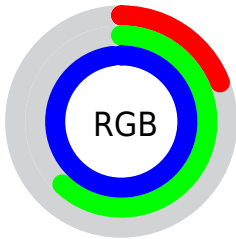
Format	Color
RYB	48, 120, 250
Decimal	3186682
CIELab	63.61, 0.55, -53.89
CIELCh	64, 53.888, 270.580
Yxy	32.3268, 0.1951, 0.2043
Android (android.graphics.Color)	4281376762 (0xFF309FFA)
YUV	136.1850, 56.1108, -77.3382
Hunter-Lab	56.8566, -2.5761, -59.3235

Details

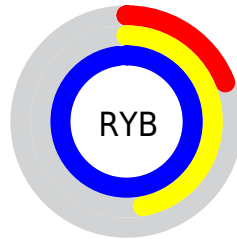
The Hex color **309FFA** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FA8B30**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **7DD5FF**, and **006CC1** is the 20% darker color. If you saturate the color by 10%, you get **1794FA**, and if you desaturate by 10%, it is **49AAFA**.

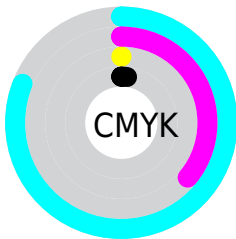
Distribution



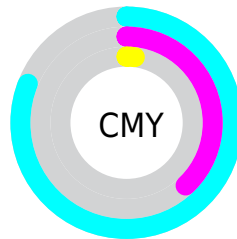
- Red (19%)
- Green (62%)
- Blue (98%)



- Red (19%)
- Yellow (47%)
- Blue (98%)



- Cyan (81%)
- Magenta (36%)
- Yellow (0%)
- Black (2%)



- Cyan (81%)
- Magenta (38%)
- Yellow (2%)

Brightness & Saturation Gradients

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

 309FFA

 309FFA

FFFFFF

 0085DD

 7DD5FF

 006CC1

 9DF2FF

 0054A5

 BDFFFF

 003E8B

 DCFFFF

 002971

 FCFFFF

 001557

 00073F

 000328

 000112

■ 309FFA

■ 309FFA

■ 1794FA

■ 49AAFA

■ 0089FA

■ 62B6FA

■ 7BC1FA

■ 94CCFA

■ ADD7FA

■ C6E3FA

■ DFEEFA

■ F8F9FA

■ FFFFFA

Harmonies

Analogous

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



00ABED



309FFA



9D8DED

Triad

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



309FFA



F0756C



40AE69

Complementary

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



309FFA



FA8B30

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.



83A543



309FFA



D98646

Square

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



309FFA



F06F9B



B49834



00B299

Rectangle

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



309FFA



C680D8



B49834



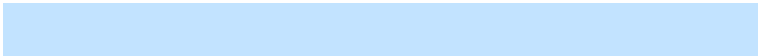
5BAC5A

Sweetspot

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



309FFA



C2E3FF



30FA8B



5B6F80



000000



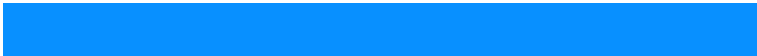
808080

Same Dimension

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



309FFA



0890FF



303AFA



70777D



0068BD



00223D

Inverse Universe

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



FA309F



FF0890



FAF030



7D7077



BD0068



3D0022

Previews

White Background



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

Color Contrast Check

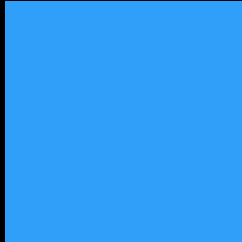
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 309FFA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

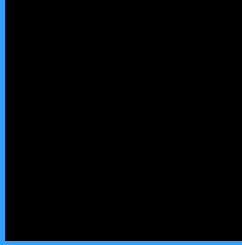
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

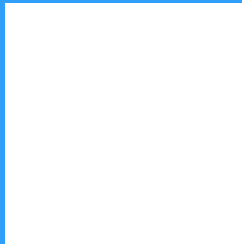
Any Text WCAG AAA ✓ Pass

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

Hex 309FFA Background



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

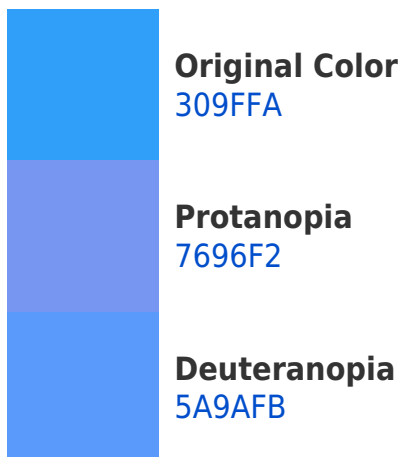


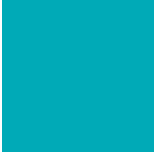
This preview shows how white text looks on a background with the Hex color 309FFA.

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](#).

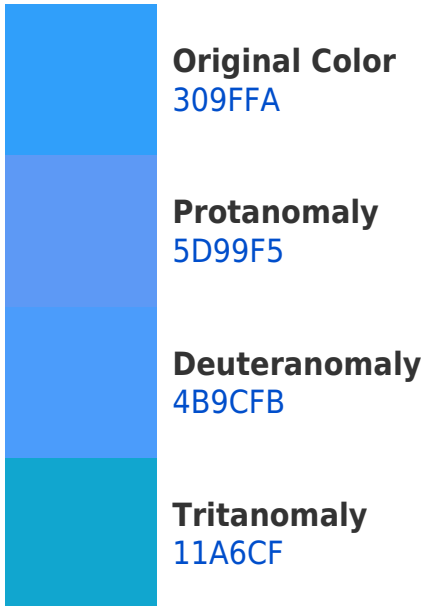
Dichromacy



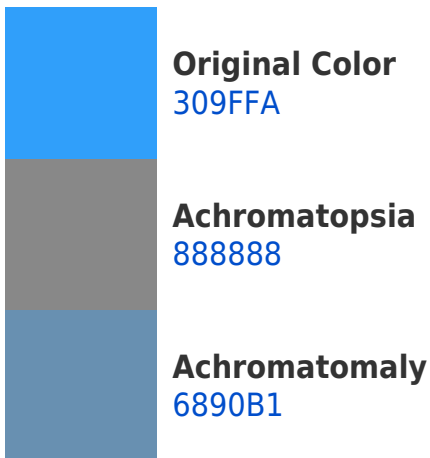


Tritanopia
00AAB7

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #309FFA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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