

Converting Colors

Hex(318FF9)

Have a look what the booklet for
Hex(318FF9) contains.

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Color

Hex(318FF9)

Conversions

Conversions Part 1

Format	Color
Hex	318FF9
RGB	49, 143, 249
RGB Percent	19%, 56%, 98%
CMY	0.8078, 0.4392, 0.0235
CMYK	0.80, 0.43, 0.00, 0.02
HSL	212°, 94%, 58%
HSV	212°, 80%, 98%
XYZ	28.1880, 27.1374, 93.3749
YIQ	126.9780, -90.0500, 13.0380

Conversions

Conversions Part 2

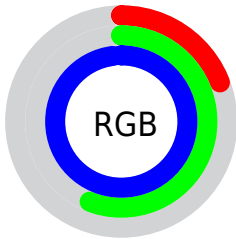
Format	Color
R _Y B	49, 113, 249
Decimal	3248121
CIE Lab	59.10, 9.72, -60.53
CIE LCh	59, 61.305, 279.125
Yxy	27.1374, 0.1896, 0.1825
Android (android.graphics.Color)	4281438201 (0xFF318FF9)
YUV	126.9780, 60.1568, -68.3867
Hunter-Lab	52.0936, 5.4229, -69.8085

Details

The Hex color **318FF9** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **F99B31**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **7DC4FF**, and **005ECO** is the 20% darker color. If you saturate the color by 10%, you get **1882F9**, and if you desaturate by 10%, it is **4A9CF9**.

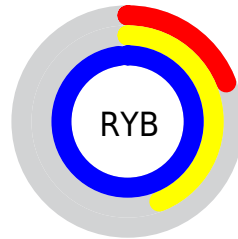
Distribution



Red (19%)

Green (56%)

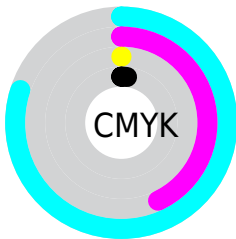
Blue (98%)



Red (19%)

Yellow (44%)

Blue (98%)

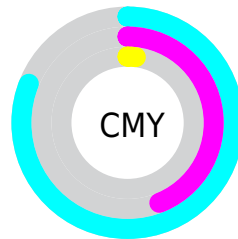


Cyan (80%)

Magenta (43%)

Yellow (0%)

Black (2%)



Cyan (81%)


Magenta (44%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 318FF9 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 318FF9 by changing the saturation by 10% instead.

 318FF9

 318FF9

FFFFFF

 0076DC

 7DC4FF

 005EC0

 9EE0FF

 0047A4

 BDFCFF

 003189

 DCFFFF

 001E6F

 FCFFFF

 000856

 00063E

 000327

 000110

■ 318FF9

■ 318FF9

■ 1882F9

■ 4A9CF9

■ 0075F9

■ 63A9F9

■ 7CB7F9

■ 95C4F9

■ AED1F9

■ C6DEF9

■ DFEBF9

■ F8F9F9

■ FFFFF9

Harmonies

Analogous

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



009EF3



318FF9



A679E2

Triad

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



318FF9



E6674D



00A566

Complementary

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



318FF9



F99B31

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.



609E33



318FF9



C77E22

Square

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



318FF9



EF5980



9A910F



00A89E

Rectangle

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



318FF9



CD69C6



9A910F



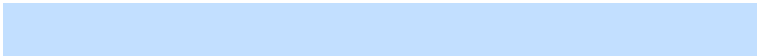
19A354

Sweetspot

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



318FF9



C2DFFF



31F998



5B6C80



000000



808080

Same Dimension

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



318FF9



0A7DFF



3431F9



70767D



0059BD



001D3D

Inverse Universe

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



F9318F



FF0A7D



F6F931



7D7076



BD0059



3D001D

Previews

White Background



This preview shows how the Hex color 318FF9 looks on a white background.

Color Contrast Check

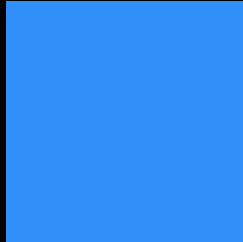
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 318FF9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

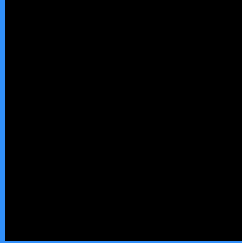
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

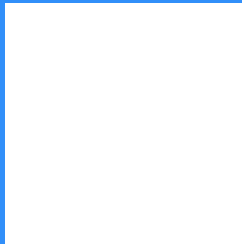
Any Text WCAG AAA × Fail

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

Hex 318FF9 Background



This preview shows how black text looks on a background with the Hex color 318FF9.

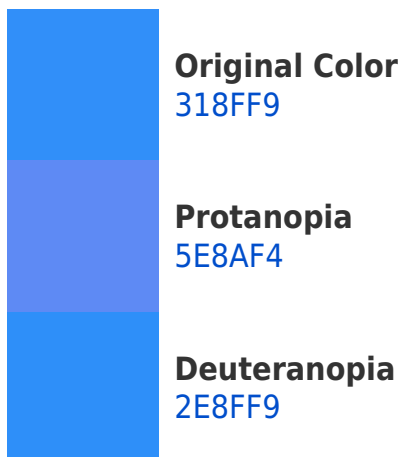


This preview shows how white text looks on a background with the Hex color 318FF9.

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



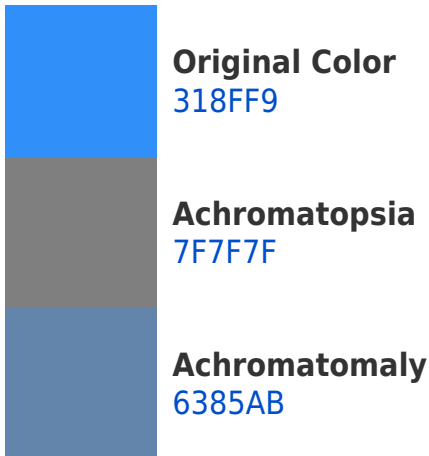


Tritanopia
009DA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 318FF9 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 #318FF9 looks like.

```
.text, #text, p{  
    color:#318FF9  
}
```

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 #318FF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #318FF9
}
```

Border

The CSS property to change the border of an element to Hex 318FF9 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
#318FF9 }
```

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

```
.border{ border-color:#318FF9 }
```

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

Here you see how a box with a 4 pixel #318FF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #318FF9; -webkit-box-shadow:4px 4px  
4px 4px #318FF9; box-shadow:4px 4px 4px  
4px #318FF9 }
```

Background

The CSS property to change the background color of an element to Hex 318FF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#318FF9 }
```

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

```
.background{ background-color:#318FF9 }
```

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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