

# Converting Colors

Hex(61A1F9)

Have a look what the booklet for  
Hex(61A1F9) contains.

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# **Color**

**Hex(61A1F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61A1F9
RGB	97, 161, 249
RGB Percent	38%, 63%, 98%
CMY	0.6196, 0.3686, 0.0235
CMYK	0.61, 0.35, 0.00, 0.02
HSL	215°, 93%, 68%
HSV	215°, 61%, 98%
XYZ	34.7735, 34.8707, 94.5205
YIQ	151.8960, -66.3920, 13.8000

# Conversions

## Conversions Part 2

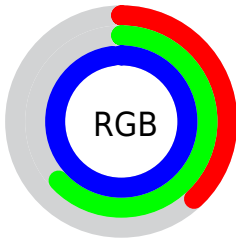
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	97, 142, 249
Decimal	6398457
CIE Lab	65.65, 5.68, -50.02
CIE LCh	66, 50.337, 276.476
Yxy	34.8707, 0.2118, 0.2124
Android (android.graphics.Color)	4284588537 (0xFF61A1F9)
YUV	151.8960, 47.8723, -48.1438
Hunter-Lab	59.0514, 1.7731, -53.5664

# Details

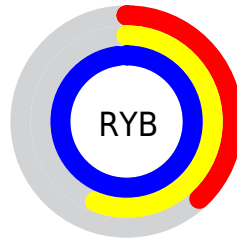
The Hex color **61A1F9** is a light color, and the websafe version is hex **3399FF**. A complement of this color would be **F9B961**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **9ED7FF**, and **096EC0** is the 20% darker color. If you saturate the color by 10%, you get **4893F9**, and if you desaturate by 10%, it is **7AAFF9**.

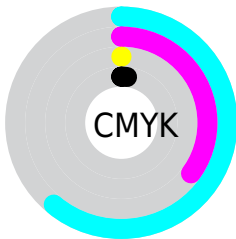
# Distribution



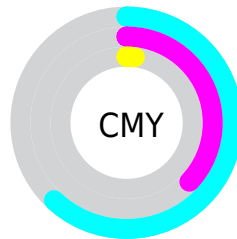
- Red (38%)
- Green (63%)
- Blue (98%)



- Red (38%)
- Yellow (56%)
- Blue (98%)



- Cyan (61%)
- Magenta (35%)
- Yellow (0%)
- Black (2%)



- Cyan (62%)
- Magenta (37%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61A1F9 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 61A1F9 by changing the saturation by 10% instead.



■ 61A1F9

■ 61A1F9

FFFFFF

■ 3F87DC

■ 9ED7FF

■ 096EC0

■ BDF4FF

■ 0056A5

■ DBFFFF

■ 003F8A

■ F9FFFF

■ 002A70

■ 001757

■ 00063F

■ 000328

■ 000112

■ 61A1F9

■ 61A1F9

■ 4893F9

■ 7AAFF9

■ 2F84F9

■ 93BEF9

■ 1676F9

■ ACCCF9

■ 0069F9

■ C5DBF9

■ DDE9F9

■ F6F7F9

■ FFFF9

# Harmonies

## Analogous

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



00AEF2



61A1F9



B090E8

# Triad

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



61A1F9



EF806C



3FB37A

# Complementary

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



61A1F9



F9B961

# 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.



81AC54



61A1F9



D6904C

# Square

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



61A1F9



F37997



B0A042



00B6A8

# Rectangle

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



61A1F9



D284D2



B0A042

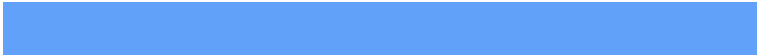


59B26C

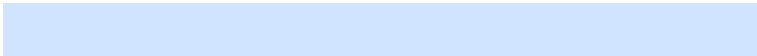


# Sweetspot

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



61A1F9



D1E4FF



61F9B7



636F80



000000

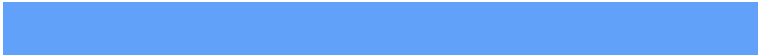


808080



# Same Dimension

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



61A1F9



4593FF



6B61F9



70767D



004FBD



001A3D



# Inverse Universe

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



F961A1



FF4593



EFF961



7D7076



BD004F

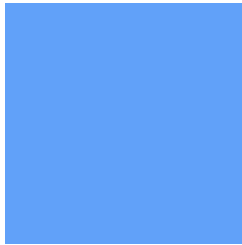


3D001A



# Previews

## White Background



This preview shows how the Hex color 61A1F9 looks on a white background.

## Color Contrast Check

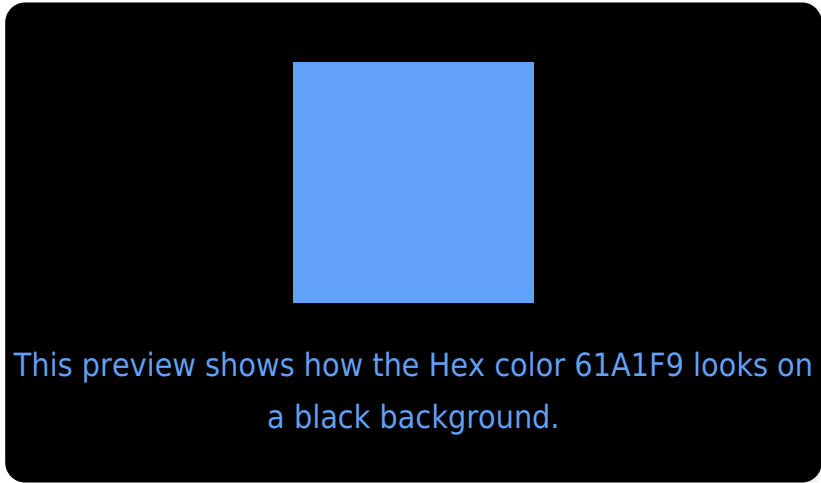
Large Text (above 18pt) WCAG AA × Fail

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

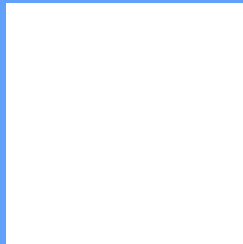
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 61A1F9 Background



This preview shows how black text looks on a background with the Hex color 61A1F9.



This preview shows how white text looks on a background with the Hex color 61A1F9.

# 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](#).

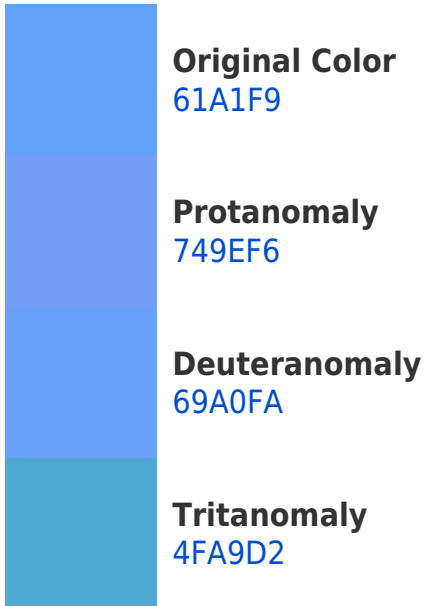
## Dichromacy



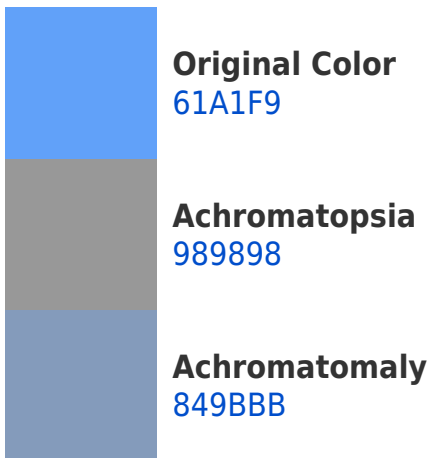


**Tritanopia**  
44ADBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61A1F9 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 #61A1F9 looks like.

```
.text, #text, p{  
    color:#61A1F9  
}
```

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 #61A1F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61A1F9
}
```

## Border

The CSS property to change the border of an element to Hex 61A1F9 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
#61A1F9 }
```

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

```
.border{ border-color:#61A1F9 }
```

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

Here you see how a box with a 4 pixel #61A1F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61A1F9; -webkit-box-shadow:4px 4px  
4px 4px #61A1F9; box-shadow:4px 4px 4px  
4px #61A1F9 }
```

# Background

The CSS property to change the background color of an element to Hex 61A1F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61A1F9 }
```

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

```
.background{ background-color:#61A1F9 }
```

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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