

# Converting Colors

Hex(61B1F7)

Have a look what the booklet for  
Hex(61B1F7) contains.

<b>Hex(61B1F7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(61B1F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61B1F7
RGB	97, 177, 247
RGB Percent	38%, 69%, 97%
CMY	0.6196, 0.3059, 0.0314
CMYK	0.61, 0.28, 0.00, 0.03
HSL	208°, 90%, 67%
HSV	208°, 61%, 97%
XYZ	37.4404, 40.7011, 93.8785
YIQ	161.0600, -70.1500, 4.8100

# Conversions

## Conversions Part 2

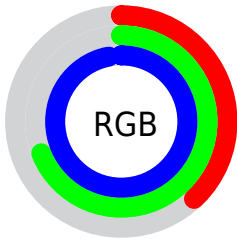
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	97, 149, 247
Decimal	6402551
CIE Lab	69.97, -4.02, -42.14
CIE LCh	70, 42.329, 264.554
Yxy	40.7011, 0.2177, 0.2366
Android (android.graphics.Color)	4284592631 (0xFF61B1F7)
YUV	161.0600, 42.3684, -56.1806
Hunter-Lab	63.7974, -6.8902, -42.5876

# Details

The Hex color **61B1F7** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **F7A761**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **9EE8FF**, and **0A7DBE** is the 20% darker color. If you saturate the color by 10%, you get **48A5F7**, and if you desaturate by 10%, it is **7ABDF7**.

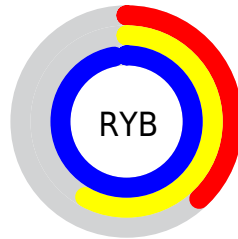
# Distribution



Red (38%)

Green (69%)

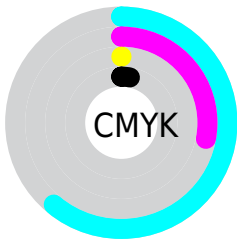
Blue (97%)



Red (38%)

Yellow (58%)

Blue (97%)

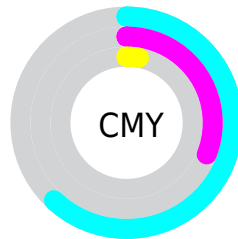


Cyan (61%)

Magenta (28%)

Yellow (0%)

Black (3%)



Cyan (62%)

Magenta (31%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61B1F7 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 61B1F7 by changing the saturation by 10% instead.



 61B1F7

 61B1F7

FFFFFF

 3F96DA

 9EE8FF

 0A7DBE

 BCFFFF

 0064A3

 DBFFFF

 004C88

 F9FFFF

 00366F

 002156

 00063E

 000327

 000111

■ 61B1F7

■ 61B1F7

■ 48A5F7

■ 7ABDF7

■ 309AF7

■ 92C8F7

■ 178EF7

■ ABD4F7

■ 0084F7

■ C4DFF7

■ DCEBF7

■ F5F6F7

■ FFFFF7

# Harmonies

## Analogous

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



00BAE9



61B1F7



A4A4F1

# Triad

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



61B1F7



F58E8D



76BB7D

# Complementary

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



61B1F7



F7A761

# 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.



A3B263



61B1F7



E6996E

# Square

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



61B1F7



EF8DB4



CAA65E



3BBFA2

# Rectangle

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



61B1F7



C79AE2



CAA65E



86B873

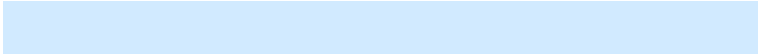


# Sweetspot

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



61B1F7



D1EAFF



61F7A7



637280



000000



808080



# Same Dimension

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



61B1F7



45A8FF



6166F7



6E757A



0063BA



001F3B



# Inverse Universe

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



F761B1



FF45A8



F7F261



7A6E75



BA0063

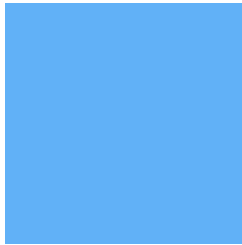


3B001F



# Previews

## White Background



This preview shows how the Hex color 61B1F7 looks on a white background.

## Color Contrast Check

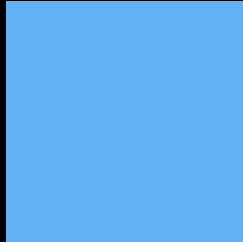
Large Text (above 18pt) WCAG AA × Fail

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 61B1F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

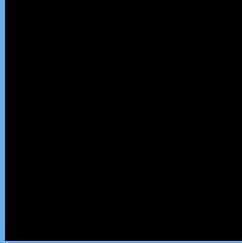
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

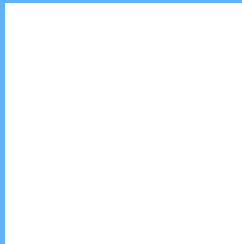
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 61B1F7 Background



This preview shows how black text looks on a background with the Hex color 61B1F7.

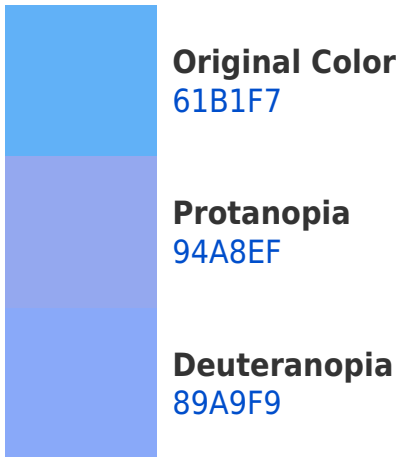


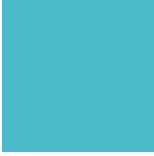
This preview shows how white text looks on a background with the Hex color 61B1F7.

# 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](#).

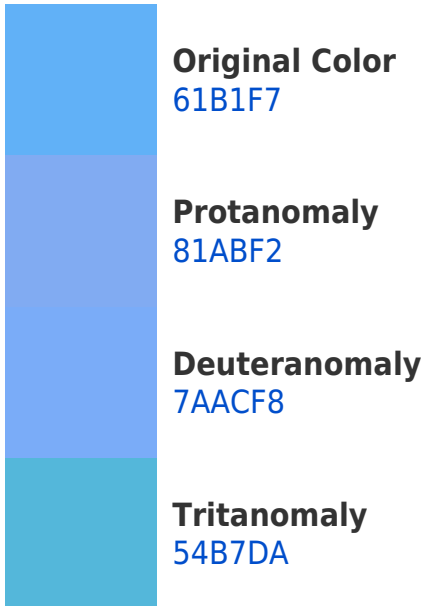
## Dichromacy



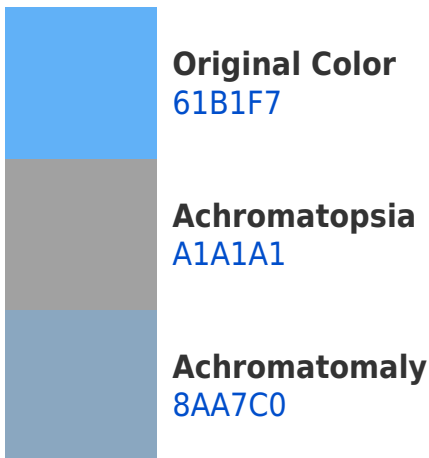


**Tritanopia**  
4CBAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61B1F7 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 #61B1F7 looks like.

```
.text, #text, p{  
    color:#61B1F7  
}
```

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 #61B1F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B1F7
}
```

## Border

The CSS property to change the border of an element to Hex 61B1F7 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
#61B1F7 }
```

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

```
.border{ border-color:#61B1F7 }
```

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

Here you see how a box with a 4 pixel #61B1F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B1F7; -webkit-box-shadow:4px 4px  
4px 4px #61B1F7; box-shadow:4px 4px 4px  
4px #61B1F7 }
```

# Background

The CSS property to change the background color of an element to Hex 61B1F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B1F7 }
```

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

```
.background{ background-color:#61B1F7 }
```

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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