

# Converting Colors

Hex(61A0F3)

Have a look what the booklet for  
Hex(61A0F3) contains.

<b>Hex(61A0F3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(61A0F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61A0F3
RGB	97, 160, 243
RGB Percent	38%, 63%, 95%
CMY	0.6196, 0.3725, 0.0471
CMYK	0.60, 0.34, 0.00, 0.05
HSL	214°, 86%, 67%
HSV	214°, 60%, 95%
XYZ	33.6782, 34.1541, 89.6114
YIQ	150.6250, -64.1910, 12.4570

# Conversions

## Conversions Part 2

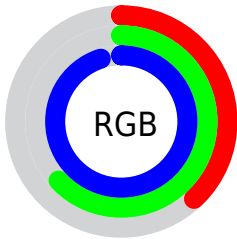
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	97, 141, 243
Decimal	6398195
CIE Lab	65.08, 4.31, -47.63
CIE LCh	65, 47.820, 275.171
Yxy	34.1541, 0.2139, 0.2169
Android (android.graphics.Color)	4284588275 (0xFF61A0F3)
YUV	150.6250, 45.5409, -47.0291
Hunter-Lab	58.4415, 0.5921, -50.0034

# Details

The Hex color **61A0F3** is a light color, and the websafe version is hex **3399FF**. A complement of this color would be **F3B461**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **9ED6FF**, and **0F6DBA** is the 20% darker color. If you saturate the color by 10%, you get **4992F3**, and if you desaturate by 10%, it is **79AEF3**.

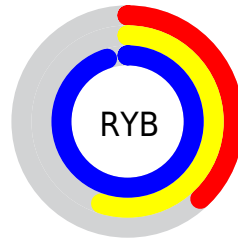
# Distribution



Red (38%)

Green (63%)

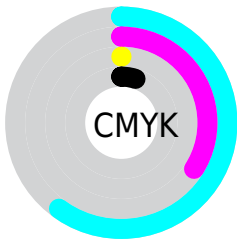
Blue (95%)



Red (38%)

Yellow (55%)

Blue (95%)

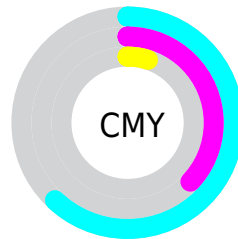


Cyan (60%)

Magenta (34%)

Yellow (0%)

Black (5%)



Cyan (62%)

Magenta (37%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61A0F3 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 61A0F3 by changing the saturation by 10% instead.



 61A0F3

 61A0F3

FFFFFF

 4086D6

 9ED6FF

 0F6DBA

 BCF3FF

 00559F

 DAFFFF

 003E84

 F8FFFF

 00296B

 001552

 00063A

 000224

 00000B

■ 61A0F3

■ 61A0F3

■ 4992F3

■ 79AEF3

■ 3084F3

■ 92BCF3

■ 1877F3

■ AAC9F3

■ 0069F3

■ C2D7F3

■ DAE5F3

■ F3F3F3

■ FFFFF3

# Harmonies

## Analogous

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



00ACEB



61A0F3



AB90E4

# Triad

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



61A0F3



EA806F



48B178

# Complementary

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



61A0F3



F3B461

# 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.



83AA55



61A0F3



D48F50

# Square

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



61A0F3



ED7A98



B09E46



00B4A4

# Rectangle

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



61A0F3



CC85CF



B09E46



5FAF6B

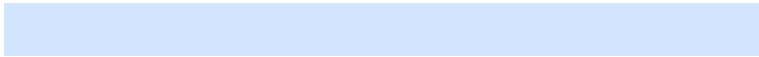


# Sweetspot

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



61A0F3



D1E5FF



61F3B4



637080



000000



808080



# Same Dimension

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



61A0F3



4797FF



6B61F3



6E737A



0050BA



00193B



# Inverse Universe

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



F361A0



FF4797



E9F361



7A6E73



BA0050



3B0019



# Previews

## White Background



This preview shows how the Hex color 61A0F3 looks on a white background.

## Color Contrast Check

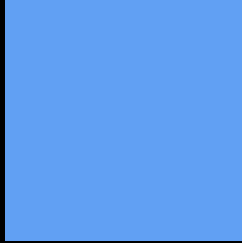
Large Text (above 18pt) WCAG AA × Fail

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 61A0F3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

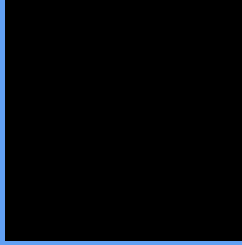
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

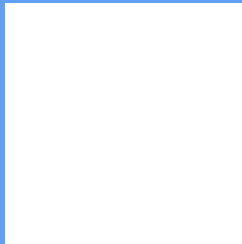
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 61A0F3 Background



This preview shows how black text looks on a background with the Hex color 61A0F3.

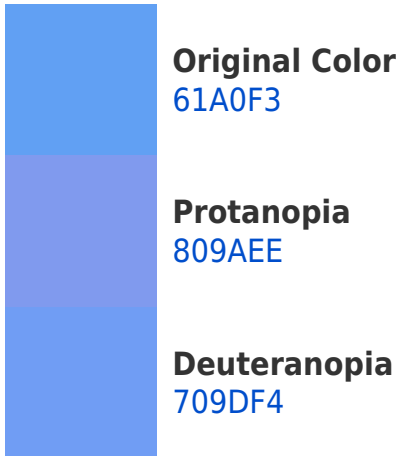


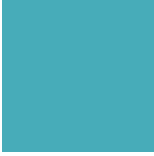
This preview shows how white text looks on a background with the Hex color 61A0F3.

# 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](#).

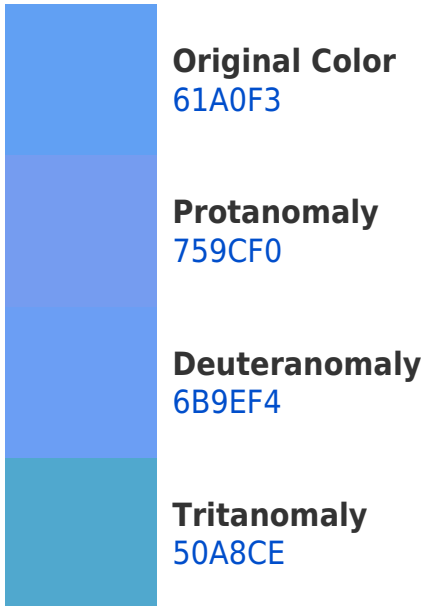
## Dichromacy



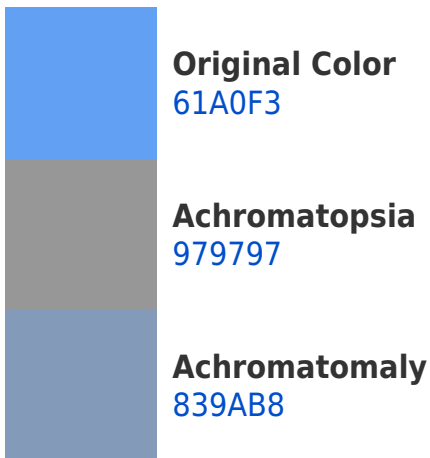


**Tritanopia**  
47ACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61A0F3 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 #61A0F3 looks like.

```
.text, #text, p{  
    color:#61A0F3  
}
```

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 #61A0F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61A0F3
}
```

## Border

The CSS property to change the border of an element to Hex 61A0F3 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
#61A0F3 }
```

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

```
.border{ border-color:#61A0F3 }
```

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

Here you see how a box with a 4 pixel #61A0F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61A0F3; -webkit-box-shadow:4px 4px  
4px 4px #61A0F3; box-shadow:4px 4px 4px  
4px #61A0F3 }
```

# Background

The CSS property to change the background color of an element to Hex 61A0F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61A0F3 }
```

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

```
.background{ background-color:#61A0F3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor