

# Converting Colors

Hex(6FA0F3)

Have a look what the booklet for  
Hex(6FA0F3) contains.

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# **Color**

**Hex(6FA0F3)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 6FA0F3                      |
| RGB         | 111, 160, 243               |
| RGB Percent | 44%, 63%, 95%               |
| CMY         | 0.5647, 0.3725, 0.0471      |
| CMYK        | 0.54, 0.34, 0.00, 0.05      |
| HSL         | 218°, 85%, 69%              |
| HSV         | 218°, 54%, 95%              |
| XYZ         | 35.3040, 34.9922, 89.6875   |
| YIQ         | 154.8110, -55.8470, 15.4250 |

# Conversions

## Conversions Part 2

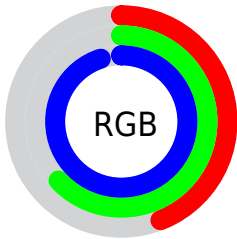
| <b>Format</b>                       | <b>Color</b>                                |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">111, 147, 243</a>               |
| Decimal                             | <a href="#">7315699</a>                     |
| CIELab                              | <a href="#">65.74, 7.08, -46.54</a>         |
| CIELCh                              | <a href="#">66, 47.079, 278.647</a>         |
| Yxy                                 | <a href="#">34.9922, 0.2207, 0.2187</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4285505779<br/>(0xFF6FA0F3)</a> |
| YUV                                 | <a href="#">154.8110, 43.4772, -38.4222</a> |
| Hunter-Lab                          | <a href="#">59.1542, 3.0114, -48.4854</a>   |

# Details

The Hex color **6FA0F3** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F3C26F**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **AAD6FF**, and **2E6DBA** is the 20% darker color. If you saturate the color by 10%, you get **5791F3**, and if you desaturate by 10%, it is **87AFF3**.

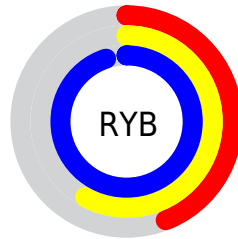
# Distribution



Red (44%)

Green (63%)

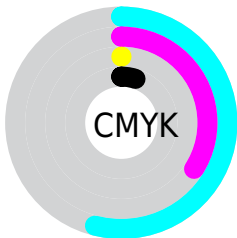
Blue (95%)



Red (44%)

Yellow (58%)

Blue (95%)

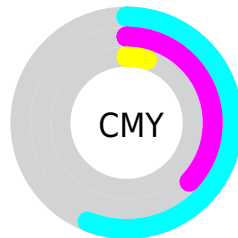


Cyan (54%)

Magenta (34%)

Yellow (0%)

Black (5%)



Cyan (56%)

Magenta (37%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FA0F3 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 6FA0F3 by changing the saturation by 10% instead.



 6FA0F3

 6FA0F3

FFFFFF

 5186D6

 AAD6FF

 2E6DBA

 C7F3FF

 00559F

 E5FFFF

 003E85

 00296B

 001552

 00063A

 000224

 00000B

■ 6FA0F3

■ 6FA0F3

■ 5791F3

■ 87AFF3

■ 3E81F3

■ A0BFF3

■ 2672F3

■ B8CEF3

■ 0E63F3

■ D0DDF3

■ 005AF3

■ E8ECF3

■ FFFCF3

■ FFFFF3

# Harmonies

## Analogous

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



00ACEE



6FA0F3



B390E2

# Triad

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



6FA0F3



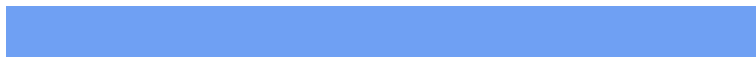
EA846D



43B37F

# Complementary

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



6FA0F3



F3C26F

# 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.



80AC5B



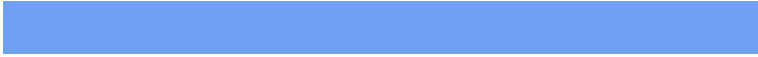
6FA0F3



D29351

# Square

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



6FA0F3



EF7C95



ADA149



00B5AB

# Rectangle

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



6FA0F3



D285CC



ADA149



5BB172



# Sweetspot

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



6FA0F3



D6E5FF



6FF3C0



677080



000000



808080



# Same Dimension

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



6FA0F3



5997FF



7E6FF3



6E737A



0045BA



00163B



# Inverse Universe

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



F36FA0



FF5997



E4F36F



7A6E73



BA0045

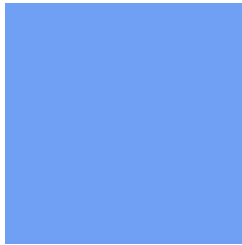


3B0016



# Previews

## White Background



This preview shows how the Hex color 6FA0F3 looks on a white background.

## Color Contrast Check

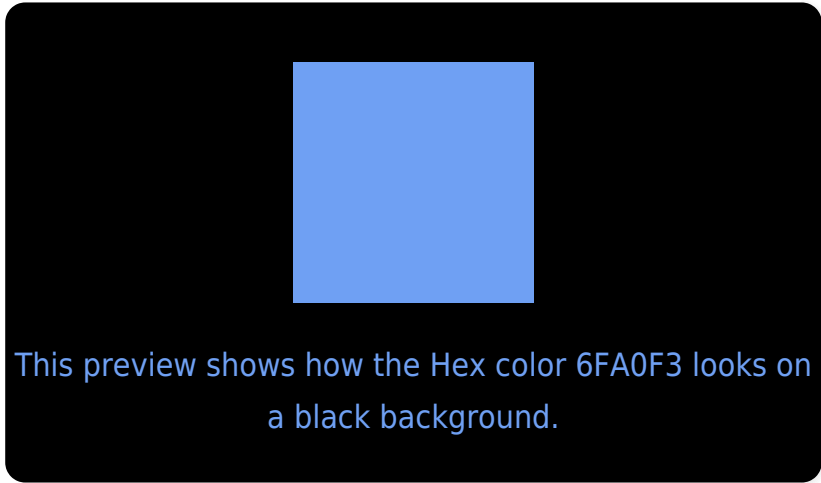
Large Text (above 18pt) WCAG AA × Fail

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 6FA0F3 Background



This preview shows how black text looks on a background with the Hex color 6FA0F3.



This preview shows how white text looks on a background with the Hex color 6FA0F3.

# 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](#).

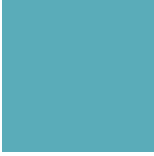
## Dichromacy



**Original Color**  
6FA0F3

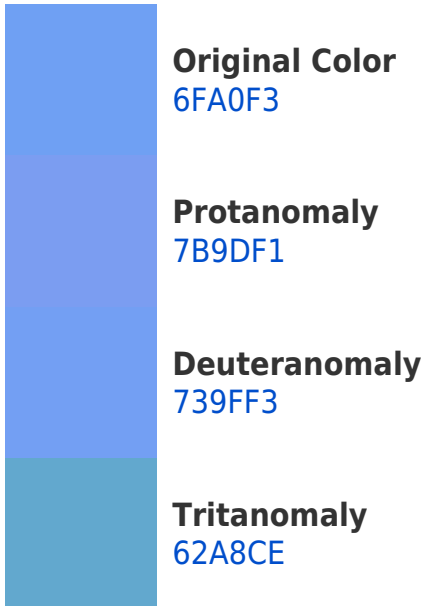
**Protanopia**  
829CF0

**Deuteranopia**  
759FF3

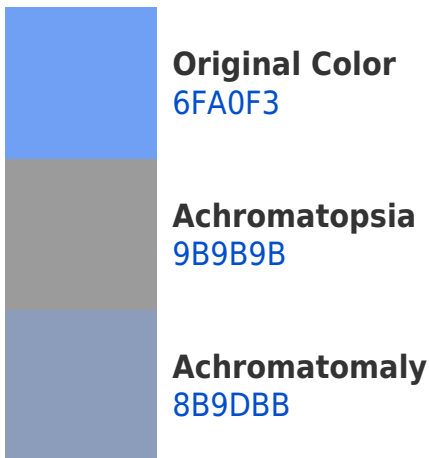


**Tritanopia**  
5AACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FA0F3 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 #6FA0F3 looks like.

```
.text, #text, p{  
    color:#6FA0F3  
}
```

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 #6FA0F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FA0F3  
}
```

## Border

The CSS property to change the border of an element to Hex 6FA0F3 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  
#6FA0F3 }
```

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

```
.border{ border-color:#6FA0F3 }
```

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

Here you see how a box with a 4 pixel #6FA0F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FA0F3; -webkit-box-shadow:4px 4px  
4px 4px #6FA0F3; box-shadow:4px 4px 4px  
4px #6FA0F3 }
```

# Background

The CSS property to change the background color of an element to Hex 6FA0F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FA0F3 }
```

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

```
.background{ background-color:#6FA0F3 }
```

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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