

# Converting Colors

Hex(6EA0F4)

Have a look what the booklet for  
Hex(6EA0F4) contains.

<b>Hex(6EA0F4)</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(6EA0F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EA0F4
RGB	110, 160, 244
RGB Percent	43%, 63%, 96%
CMY	0.5686, 0.3725, 0.0431
CMYK	0.55, 0.34, 0.00, 0.04
HSL	218°, 86%, 69%
HSV	218°, 55%, 96%
XYZ	35.3303, 34.9883, 90.4793
YIQ	154.6260, -56.7640, 15.5240

# Conversions

## Conversions Part 2

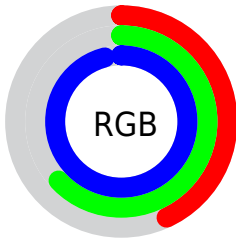
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	110, 146, 244
Decimal	7250164
CIE Lab	65.74, 7.18, -47.10
CIE LCh	66, 47.644, 278.669
Yxy	34.9883, 0.2197, 0.2176
Android (android.graphics.Color)	4285440244 (0xFF6EA0F4)
YUV	154.6260, 44.0614, -39.1370
Hunter-Lab	59.1509, 3.1026, -49.2864

# Details

The Hex color **6EA0F4** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F4C26E**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A9D6FF**, and **2C6DBB** is the 20% darker color. If you saturate the color by 10%, you get **5691F4**, and if you desaturate by 10%, it is **86AFF4**.

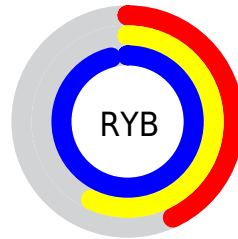
# Distribution



Red (43%)

Green (63%)

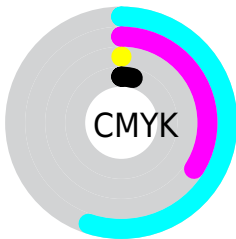
Blue (96%)



Red (43%)

Yellow (57%)

Blue (96%)

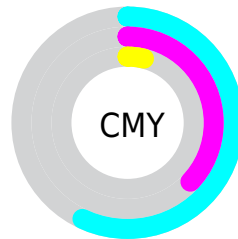


Cyan (55%)

Magenta (34%)

Yellow (0%)

Black (4%)



Cyan (57%)

Magenta (37%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EA0F4 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 6EA0F4 by changing the saturation by 10% instead.



 6EA0F4

 6EA0F4


FFFFFF

 4F86D7

 A9D6FF

 2C6DBB

 C7F3FF

 0055A0

 E5FFFF

 003E85

 00296C

 001653

 00063B

 000225

 00010D

 6EA0F4

 6EA0F4

 5691F4

 86AFF4

 3D81F4

 9FBFF4

 2572F4

 B7CEF4

 0C63F4

 D0DDF4

 005BF4

 E8ECF4

 FFFCF4

 FFFFF4

# Harmonies

## Analogous

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



00ADEF



6EA0F4



B390E3

# Triad

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



6EA0F4



EA836C



41B37F

# Complementary

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



6EA0F4



F4C26E

# 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.



7FAD5A



6EA0F4



D29250

# Square

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



6EA0F4



F07C95



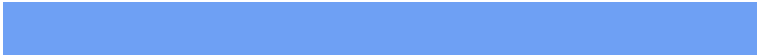
ADA148



00B6AB

# Rectangle

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



6EA0F4



D385CD



ADA148

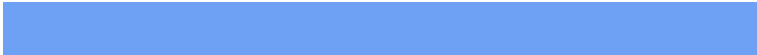


5AB172



# Sweetspot

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



6EA0F4



D6E5FF



6EF4C1



677080



000000



808080



# Same Dimension

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



6EA0F4



5795FF



7E6EF4



6E737A



0045BA



00163B



# Inverse Universe

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



F46EAO



FF5795



E4F46E



7A6E73



BA0045

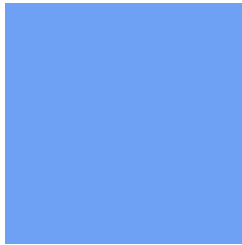


3B0016



# Previews

## White Background



This preview shows how the Hex color 6EA0F4 looks on a white background.

## Color Contrast Check

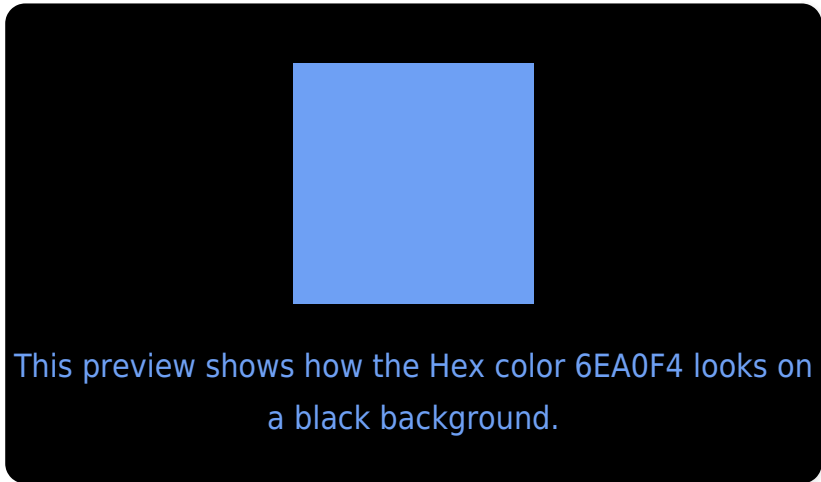
Large Text (above 18pt) WCAG AA × Fail

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

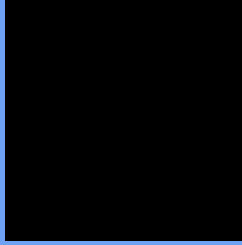
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

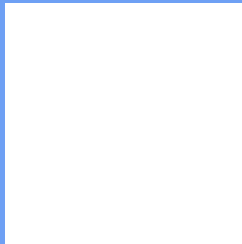
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6EA0F4 Background



This preview shows how black text looks on a background with the Hex color 6EA0F4.



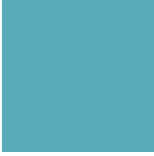
This preview shows how white text looks on a background with the Hex color 6EA0F4.

# 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](#).

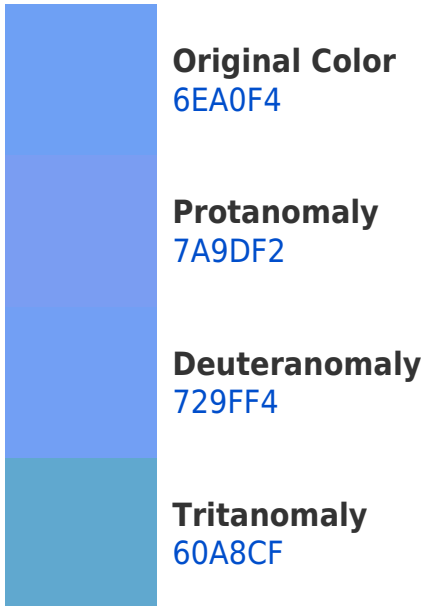
## Dichromacy





**Tritanopia**  
58ACBA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EA0F4 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 #6EA0F4 looks like.

```
.text, #text, p{  
    color:#6EA0F4  
}
```

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 #6EA0F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EA0F4
}
```

## Border

The CSS property to change the border of an element to Hex 6EA0F4 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
#6EA0F4 }
```

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

```
.border{ border-color:#6EA0F4 }
```

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

Here you see how a box with a 4 pixel #6EA0F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EA0F4; -webkit-box-shadow:4px 4px  
4px 4px #6EA0F4; box-shadow:4px 4px 4px  
4px #6EA0F4 }
```

# Background

The CSS property to change the background color of an element to Hex 6EA0F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EA0F4 }
```

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

```
.background{ background-color:#6EA0F4 }
```

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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