

# Converting Colors

Hex(65A0F0)

Have a look what the booklet for  
Hex(65A0F0) contains.

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# **Color**

**Hex(65A0F0)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 65A0F0                      |
| RGB         | 101, 160, 240               |
| RGB Percent | 40%, 63%, 94%               |
| CMY         | 0.6039, 0.3725, 0.0588      |
| CMYK        | 0.58, 0.33, 0.00, 0.06      |
| HSL         | 215°, 82%, 67%              |
| HSV         | 215°, 58%, 94%              |
| XYZ         | 33.6658, 34.1996, 87.2649   |
| YIQ         | 151.4790, -60.8440, 12.3720 |

# Conversions

## Conversions Part 2

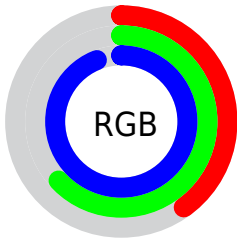
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 101, 142, 240                  |
| Decimal                             | 6660336                        |
| CIE Lab                             | 65.12, 4.11, -45.91            |
| CIE LCh                             | 65, 46.097, 275.117            |
| Yxy                                 | 34.1996, 0.2170,<br>0.2205     |
| Android<br>(android.graphics.Color) | 4284850416<br>(0xFF65A0F0)     |
| YUV                                 | 151.4790, 43.6409,<br>-44.2701 |
| Hunter-Lab                          | 58.4804, 0.4176,<br>-47.5367   |

# Details

The Hex color **65A0F0** is a light color, and the websafe version is hex **3399FF**. A complement of this color would be **F0B565**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **A1D6FF**, and **1D6DB8** is the 20% darker color. If you saturate the color by 10%, you get **4D92F0**, and if you desaturate by 10%, it is **7DAEF0**.

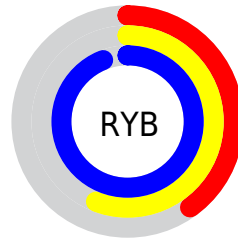
# Distribution



Red (40%)

Green (63%)

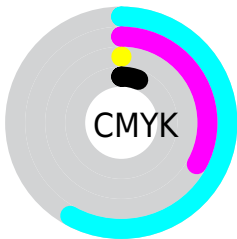
Blue (94%)



Red (40%)

Yellow (56%)

Blue (94%)

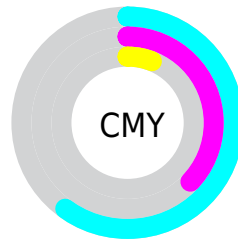


Cyan (58%)

Magenta (33%)

Yellow (0%)

Black (6%)



Cyan (60%)

Magenta (37%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65A0F0 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 65A0F0 by changing the saturation by 10% instead.



■ 65A0F0

■ 65A0F0

FFFFFF

■ 4586D3

■ A1D6FF

■ 1D6DB8

■ BEF3FF

■ 00559C

■ DCFFFF

■ 003E82

■ FBFFFF

■ 002968

■ 001550

■ 000538

■ 000222

■ 000007

 65A0F0

 65A0F0

 4D92F0

 7DAEF0

 3584F0

 95BCF0

 1D77F0

 ADC9F0

 0569F0

 C5D7F0

 0066F0

 DDE5F0

 F5F3F0

 FFFFF0

# Harmonies

## Analogous

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



00ACE8



65A0F0



AB90E2

# Triad

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



65A0F0



E88271



4DB07A

# Complementary

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



65A0F0



F0B565

# 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.



85A958



65A0F0



D38F53

# Square

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



65A0F0



EB7B99



B09E49



00B3A4

# Rectangle

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



65A0F0



CB86CE



B09E49



62AF6D

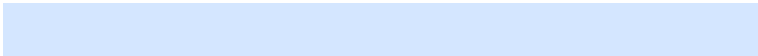


# Sweetspot

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



65A0F0



D4E6FF



65F0B4



667180



000000

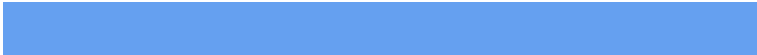


808080



# Same Dimension

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



65A0F0



4D98FF



6E65F0



6C7178



004EB8



001838



# Inverse Universe

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



F065A0



FF4D98



E7F065



786C71



B8004E

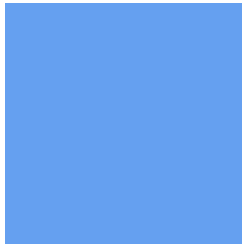


380018



# Previews

## White Background



This preview shows how the Hex color 65A0F0 looks on a white background.

## Color Contrast Check

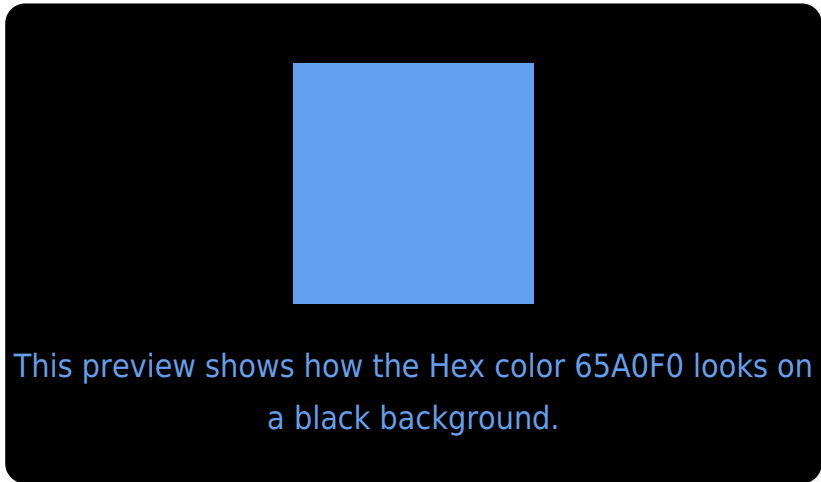
Large Text (above 18pt) WCAG AA × Fail

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

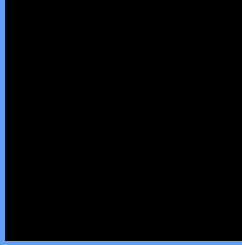
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

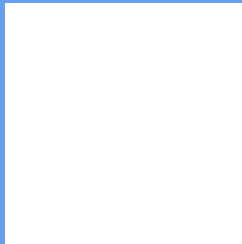
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 65A0F0 Background



This preview shows how black text looks on a background with the Hex color 65A0F0.

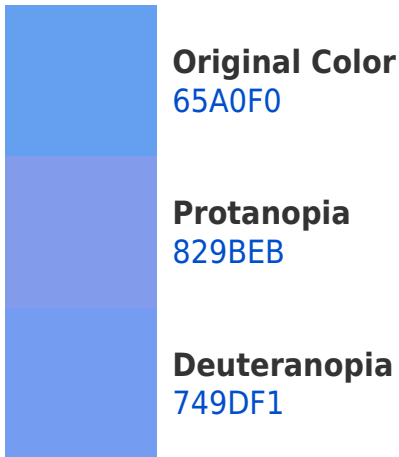


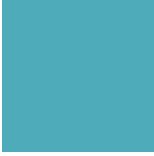
This preview shows how white text looks on a background with the Hex color 65A0F0.

# 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](#).

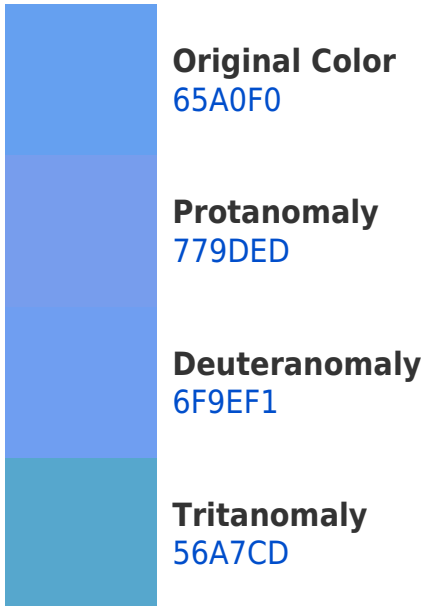
## Dichromacy



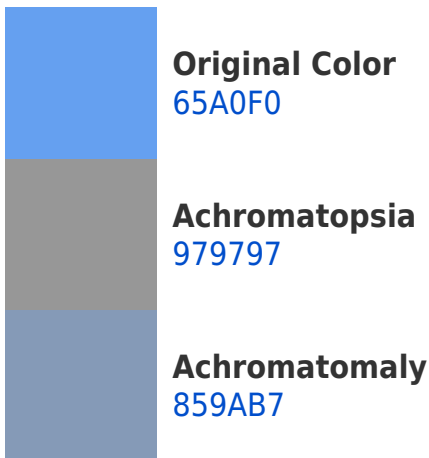


**Tritanopia**  
4EABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65A0F0 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 #65A0F0 looks like.

```
.text, #text, p{  
    color:#65A0F0  
}
```

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 #65A0F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65A0F0
}
```

## Border

The CSS property to change the border of an element to Hex 65A0F0 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
#65A0F0 }
```

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

```
.border{ border-color:#65A0F0 }
```

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

Here you see how a box with a 4 pixel #65A0F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65A0F0; -webkit-box-shadow:4px 4px  
4px 4px #65A0F0; box-shadow:4px 4px 4px  
4px #65A0F0 }
```

# Background

The CSS property to change the background color of an element to Hex 65A0F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65A0F0 }
```

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

```
.background{ background-color:#65A0F0 }
```

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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