

# Converting Colors

Hex(67ABF0)

Have a look what the booklet for  
Hex(67ABF0) contains.

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# **Color**

**Hex(67ABF0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67ABF0
RGB	103, 171, 240
RGB Percent	40%, 67%, 94%
CMY	0.5961, 0.3294, 0.0588
CMYK	0.57, 0.29, 0.00, 0.06
HSL	210°, 82%, 67%
HSV	210°, 57%, 94%
XYZ	35.8846, 38.3007, 87.9395
YIQ	158.5340, -62.6770, 7.0430

# Conversions

## Conversions Part 2

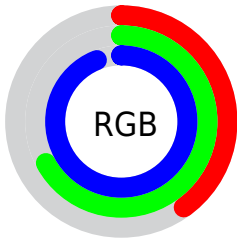
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	103, 148, 240
Decimal	6794224
CIE Lab	68.24, -1.73, -41.01
CIE LCh	68, 41.046, 267.579
Yxy	38.3007, 0.2213, 0.2362
Android (android.graphics.Color)	4284984304 (0xFF67ABF0)
YUV	158.5340, 40.1627, -48.7033
Hunter-Lab	61.8875, -4.8025, -40.9273

# Details

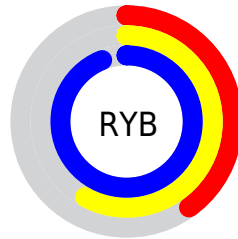
The Hex color **67ABF0** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **F0AC67**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **A3E2FF**, and **2177B8** is the 20% darker color. If you saturate the color by 10%, you get **4F9FF0**, and if you desaturate by 10%, it is **7FB7F0**.

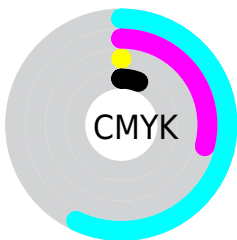
# Distribution



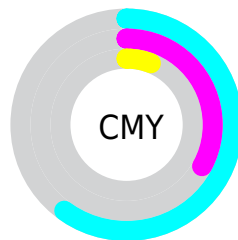
- Red (40%)
- Green (67%)
- Blue (94%)



- Red (40%)
- Yellow (58%)
- Blue (94%)



- Cyan (57%)
- Magenta (29%)
- Yellow (0%)
- Black (6%)



- Cyan (60%)
- Magenta (33%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67ABF0 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 67ABF0 by changing the saturation by 10% instead.



■ 67ABF0

■ 67ABF0

FFFFFF

■ 4791D3

■ A3E2FF

■ 2177B8

■ C0FFFF

■ 005F9C

■ DEFFFF

■ 004782

■ FCFFFF

■ 003169

■ 001D50

■ 000539

■ 000222

■ 000009

■ 67ABF0

■ 67ABF0

■ 4F9FF0

■ 7FB7F0

■ 3793F0

■ 97C3F0

■ 1F87F0

■ AFCFF0

■ 077BF0

■ C7DBF0

■ 0077F0

■ DFE7F0

■ F7F4F0

■ FFFFF0

# Harmonies

## Analogous

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



00B4E4



67ABF0



A69EE8

# Triad

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



67ABF0



ED8B86



6EB67D

# Complementary

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



67ABF0



F0AC67

# 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.



9BAE63



67ABF0



DE9669

# Square

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



67ABF0



EA89AB



C1A35B



34BAA2

# Rectangle

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



67ABF0



C595D9



C1A35B



7EB473

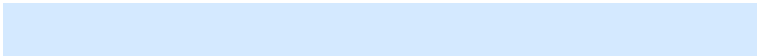


# Sweetspot

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



67ABF0



D4E9FF



67F0AB



667380



000000



808080



# Same Dimension

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



67ABF0



4FA6FF



6767F0



6C7278



005BB8



001C38



# Inverse Universe

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



F067AB



FF4FA6



F0F067



786C72



B8005B

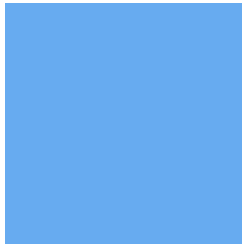


38001C



# Previews

## White Background



This preview shows how the Hex color 67ABF0 looks on a white background.

## Color Contrast Check

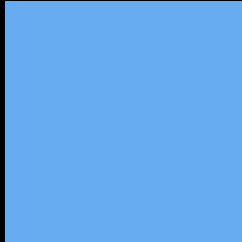
Large Text (above 18pt) WCAG AA × Fail

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 67ABF0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

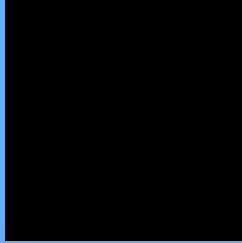
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

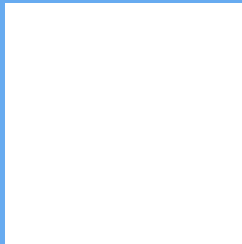
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 67ABF0 Background



This preview shows how black text looks on a background with the Hex color 67ABF0.

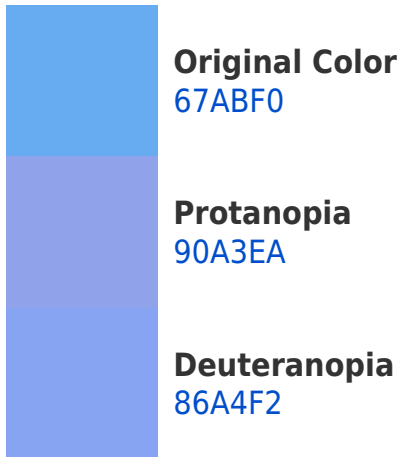


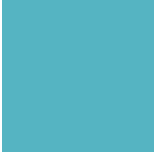
This preview shows how white text looks on a background with the Hex color 67ABF0.

# 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](#).

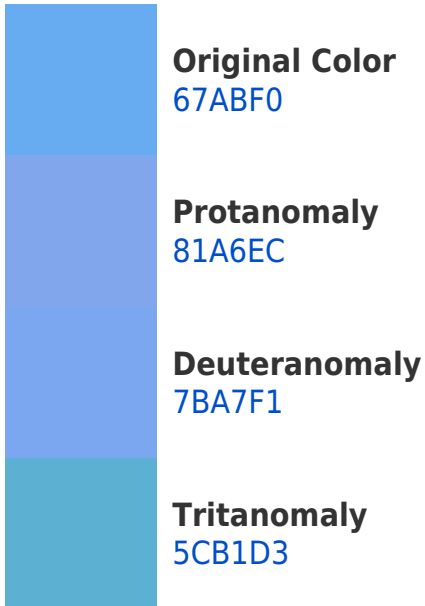
## Dichromacy



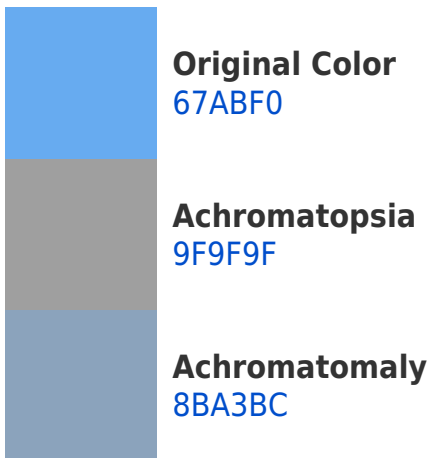


**Tritanopia**  
55B4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67ABF0 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 #67ABF0 looks like.

```
.text, #text, p{  
    color:#67ABF0  
}
```

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 #67ABF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67ABF0  
}
```

## Border

The CSS property to change the border of an element to Hex 67ABF0 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  
#67ABF0 }
```

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

```
.border{ border-color:#67ABF0 }
```

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

Here you see how a box with a 4 pixel #67ABF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67ABF0; -webkit-box-shadow:4px 4px  
4px 4px #67ABF0; box-shadow:4px 4px 4px  
4px #67ABF0 }
```

# Background

The CSS property to change the background color of an element to Hex 67ABF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67ABF0 }
```

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

```
.background{ background-color:#67ABF0 }
```

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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