

# Converting Colors

Hex(6EB9F8)

Have a look what the booklet for  
Hex(6EB9F8) contains.

<b>Hex(6EB9F8)</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(6EB9F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EB9F8
RGB	110, 185, 248
RGB Percent	43%, 73%, 97%
CMY	0.5686, 0.2745, 0.0275
CMYK	0.56, 0.25, 0.00, 0.03
HSL	207°, 91%, 70%
HSV	207°, 56%, 97%
XYZ	40.7226, 44.7902, 95.3060
YIQ	169.7570, -64.9230, 3.6930

# Conversions

## Conversions Part 2

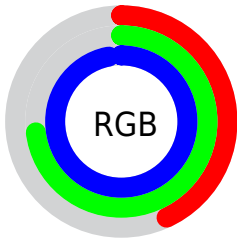
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	110, 159, 248
Decimal	7256568
CIE Lab	72.75, -5.62, -38.29
CIE LCh	73, 38.702, 261.649
Yxy	44.7902, 0.2252, 0.2477
Android (android.graphics.Color)	4285446648 (0xFF6EB9F8)
YUV	169.7570, 38.5738, -52.4069
Hunter-Lab	66.9255, -8.5064, -37.5847

# Details

The Hex color **6EB9F8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F8AD6E**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **AAF1FF**, and **2B84BF** is the 20% darker color. If you saturate the color by 10%, you get **55AEF8**, and if you desaturate by 10%, it is **87C4F8**.

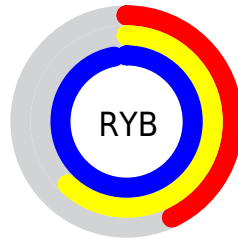
# Distribution



Red (43%)

Green (73%)

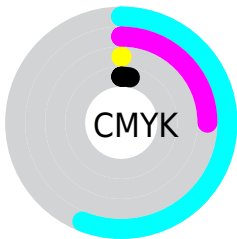
Blue (97%)



Red (43%)

Yellow (62%)

Blue (97%)

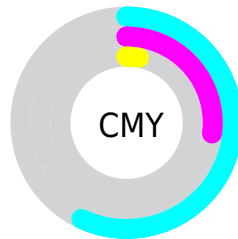


Cyan (56%)

Magenta (25%)

Yellow (0%)

Black (3%)



Cyan (57%)

Magenta (27%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EB9F8 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 6EB9F8 by changing the saturation by 10% instead.



 6EB9F8

 6EB9F8

FFFFFF

 4F9EDB

 AAF1FF

 2B84BF

 C7FFFF

 006BA4

 E5FFFF

 005389

 003C70

 002757

 00123F

 000329

 000113

■ 6EB9F8

■ 6EB9F8

■ 55AEF8

■ 87C4F8

■ 3CA2F8

■ A0D0F8

■ 2497F8

■ B8DBF8

■ 0B8CF8

■ D1E6F8

■ 0087F8

■ EAF2F8

■ FFFDF8

■ FFFFF8

# Harmonies

## Analogous

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



2FC1E9



6EB9F8



A8ADF4

# Triad

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



6EB9F8



F8989A



87C185

# Complementary

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



6EB9F8



F8AD6E

# 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.



B0B870



6EB9F8



ECA17C

# Square

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



6EB9F8



F198BE



D3AD6C



59C5A7

# Rectangle

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



6EB9F8



C8A4E8



D3AD6C



95BE7C

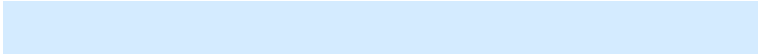


# Sweetspot

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



6EB9F8



D4EBFF



6EF8AC



667480



000000



808080



# Same Dimension

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



6EB9F8



54B1FF



6E75F8



70777D



0067BD



00213D



# Inverse Universe

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



F86EB9



FF54B1



F8F16E



7D7077



BD0067

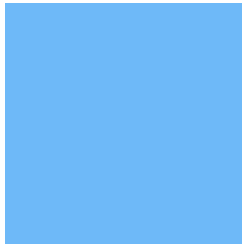


3D0021



# Previews

## White Background



This preview shows how the Hex color 6EB9F8 looks on a white background.

## Color Contrast Check

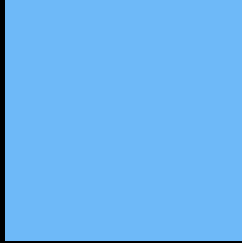
Large Text (above 18pt) WCAG AA × Fail

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 6EB9F8 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 6EB9F8 Background



This preview shows how black text looks on a background with the Hex color 6EB9F8.



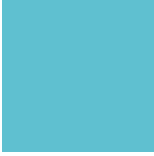
This preview shows how white text looks on a background with the Hex color 6EB9F8.

# 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](#).

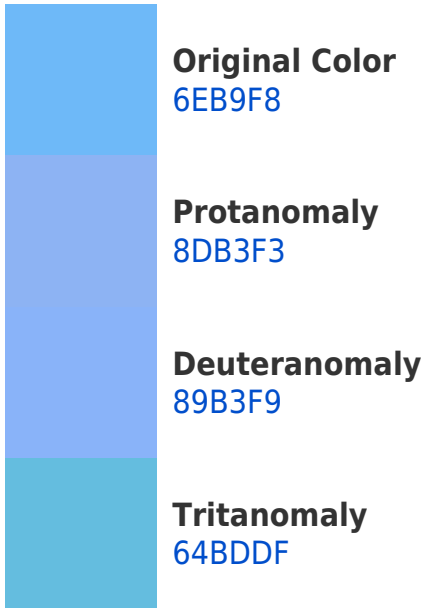
## Dichromacy



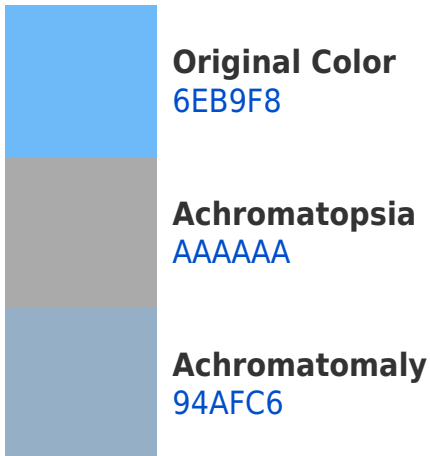


**Tritanopia**  
5FC0D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EB9F8 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 #6EB9F8 looks like.

```
.text, #text, p{  
    color:#6EB9F8  
}
```

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 #6EB9F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EB9F8  
}
```

## Border

The CSS property to change the border of an element to Hex 6EB9F8 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  
#6EB9F8 }
```

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

```
.border{ border-color:#6EB9F8 }
```

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

Here you see how a box with a 4 pixel #6EB9F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EB9F8; -webkit-box-shadow:4px 4px  
4px 4px #6EB9F8; box-shadow:4px 4px 4px  
4px #6EB9F8 }
```

# Background

The CSS property to change the background color of an element to Hex 6EB9F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EB9F8 }
```

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

```
.background{ background-color:#6EB9F8 }
```

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