

# Converting Colors

Hex(6FB5F6)

Have a look what the booklet for  
Hex(6FB5F6) contains.

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# **Color**

**Hex(6FB5F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FB5F6
RGB	111, 181, 246
RGB Percent	44%, 71%, 96%
CMY	0.5647, 0.2902, 0.0353
CMYK	0.55, 0.26, 0.00, 0.04
HSL	209°, 88%, 70%
HSV	209°, 55%, 96%
XYZ	39.7140, 43.0811, 93.4111
YIQ	167.4800, -62.5850, 5.3750

# Conversions

## Conversions Part 2

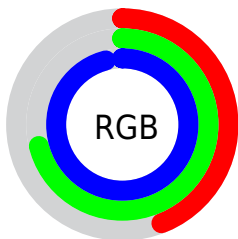
Format	Color
R <sub>Y</sub> B	111, 157, 246
Decimal	7321078
CIE Lab	71.61, -3.83, -38.99
CIE LCh	72, 39.175, 264.389
Yxy	43.0811, 0.2254, 0.2445
Android (android.graphics.Color)	4285511158 (0xFF6FB5F6)
YUV	167.4800, 38.7104, -49.5330
Hunter-Lab	65.6362, -6.8597, -38.4341

# Details

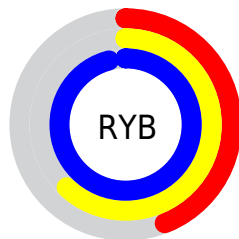
The Hex color **6FB5F6** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F6B06F**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **AAEDFF**, and **2D80BD** is the 20% darker color. If you saturate the color by 10%, you get **56A9F6**, and if you desaturate by 10%, it is **88C1F6**.

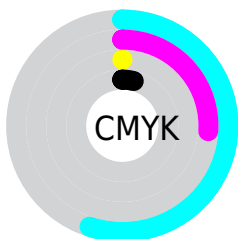
# Distribution



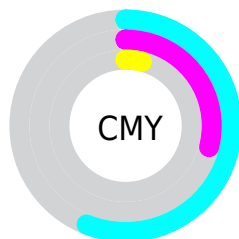
- Red (44%)
- Green (71%)
- Blue (96%)



- Red (44%)
- Yellow (62%)
- Blue (96%)



- Cyan (55%)
- Magenta (26%)
- Yellow (0%)
- Black (4%)



- Cyan (56%)
- Magenta (29%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FB5F6 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 6FB5F6 by changing the saturation by 10% instead.



 6FB5F6

 6FB5F6

FFFFFF

 509AD9

 AAEDFF

 2D80BD

 C8FFFF

 0068A2


 E6FFFF

 005088

 00396E

 002455

 000E3E

 000327

 000110

■ 6FB5F6

■ 6FB5F6

■ 56A9F6

■ 88C1F6

■ 3E9DF6

■ A0CDF6

■ 2591F6

■ B9D9F6

■ 0D86F6

■ D1E4F6

■ 0080F6

■ EAF0F6

■ FFFCF6

■ FFFFF6

# Harmonies

## Analogous

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



2ABEE9



6FB5F6



AAA9F0

# Triad

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



6FB5F6



F59594



7FBE85

# Complementary

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



6FB5F6



F6B06F

# 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.



A9B66D



6FB5F6



E89F77

# Square

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



6FB5F6



F094B8



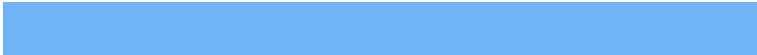
CDAB68



4FC2A7

# Rectangle

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



6FB5F6



C9A0E3



CDAB68



8EBC7B

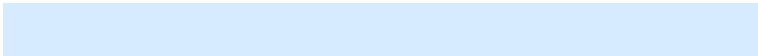


# Sweetspot

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



6FB5F6



D6EBFF



6FF6AE



677480



000000



808080



# Same Dimension

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



6FB5F6



57AEFF



6F73F6



6E757A



0061BA



001E3B



# Inverse Universe

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



F66FB5



FF57AE



F6F26F



7A6E75



BA0061

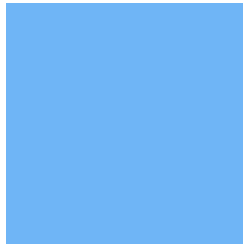


3B001E



# Previews

## White Background



This preview shows how the Hex color 6FB5F6 looks on a white background.

## Color Contrast Check

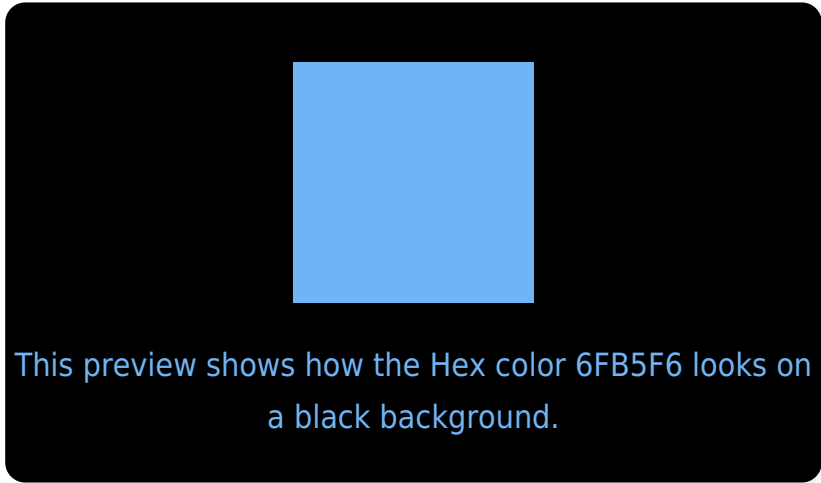
Large Text (above 18pt) WCAG AA × Fail

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

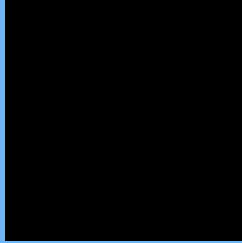
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

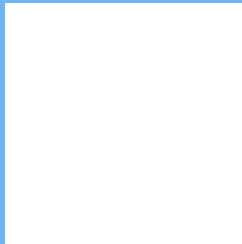
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6FB5F6 Background



This preview shows how black text looks on a background with the Hex color 6FB5F6.



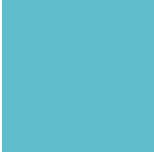
This preview shows how white text looks on a background with the Hex color 6FB5F6.

# Color Blindness Simulation

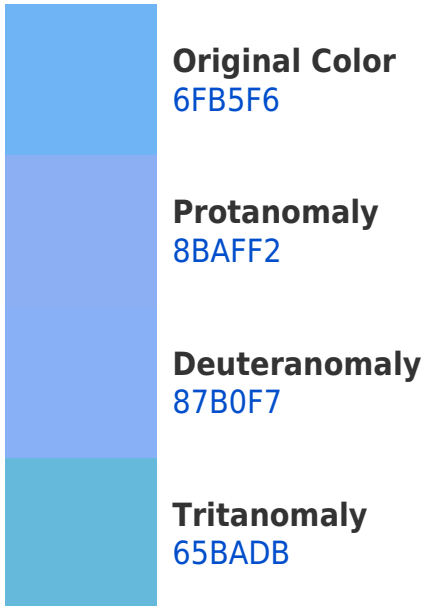
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

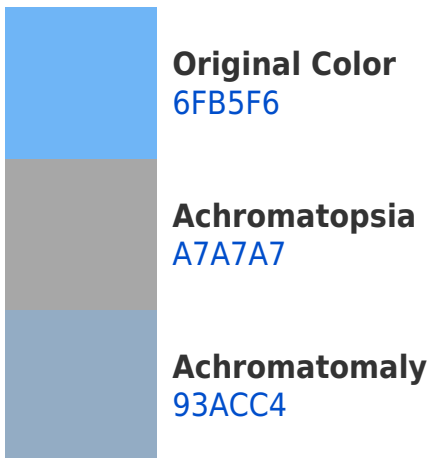




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FB5F6 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 #6FB5F6 looks like.

```
.text, #text, p{  
    color:#6FB5F6  
}
```

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 #6FB5F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FB5F6  
}
```

## Border

The CSS property to change the border of an element to Hex 6FB5F6 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  
#6FB5F6 }
```

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

```
.border{ border-color:#6FB5F6 }
```

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

Here you see how a box with a 4 pixel #6FB5F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FB5F6; -webkit-box-shadow:4px 4px  
4px 4px #6FB5F6; box-shadow:4px 4px 4px  
4px #6FB5F6 }
```

# Background

The CSS property to change the background color of an element to Hex 6FB5F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FB5F6 }
```

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

```
.background{ background-color:#6FB5F6 }
```

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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