

# Converting Colors

Hex(6EB2FE)

Have a look what the booklet for  
Hex(6EB2FE) contains.

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# **Color**

**Hex(6EB2FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EB2FE
RGB	110, 178, 254
RGB Percent	43%, 70%, 100%
CMY	0.5686, 0.3020, 0.0039
CMYK	0.57, 0.30, 0.00, 0.00
HSL	212°, 99%, 71%
HSV	212°, 57%, 100%
XYZ	40.2402, 42.3115, 99.8120
YIQ	166.3320, -64.9240, 9.2200

# Conversions

## Conversions Part 2

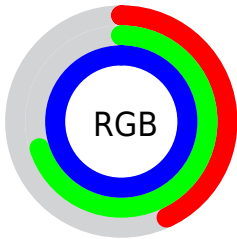
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">110, 156, 254</a>
Decimal	<a href="#">7254782</a>
CIELab	<a href="#">71.09, 0.08, -44.14</a>
CIElCh	<a href="#">71, 44.137, 270.098</a>
Yxy	<a href="#">42.3115, 0.2207, 0.2320</a>
Android (android.graphics.Color)	<a href="#">4285444862 (0xFF6EB2FE)</a>
YUV	<a href="#">166.3320, 43.2203, -49.4032</a>
Hunter-Lab	<a href="#">65.0473, -3.4074, -45.4445</a>

# Details

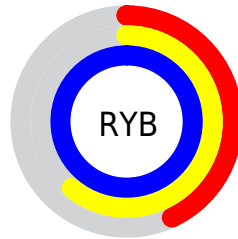
The Hex color **6EB2FE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **FEBA6E**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **AAE9FF**, and **297EC5** is the 20% darker color. If you saturate the color by 10%, you get **55A5FE**, and if you desaturate by 10%, it is **87BFFE**.

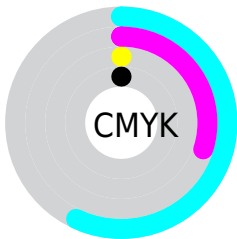
# Distribution



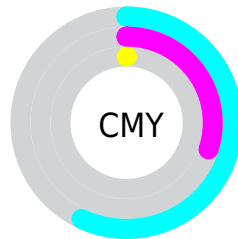
- Red (43%)
- Green (70%)
- Blue (100%)



- Red (43%)
- Yellow (61%)
- Blue (100%)



- Cyan (57%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (30%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EB2FE 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 6EB2FE by changing the saturation by 10% instead.



 6EB2FE

 6EB2FE

FFFFFF

 4E97E1

 AAE9FF

 297EC5

 C8FFFF

 0065A9

 E6FFFF

 004D8F

 003775

 00225C

 000B44

 00032D

 000117

■ 6EB2FE

■ 6EB2FE

■ 55A5FE

■ 87BFFE

■ 3B97FE

■ A1CDFE

■ 228AFE

■ BADA FE

■ 087CFE

■ D4E8FE

■ 0078FE

■ EDF5FE

FFFFFE

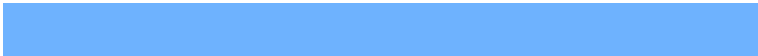
# Harmonies

## Analogous

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



00BDF3



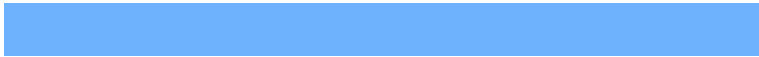
6EB2FE



B2A3F4

# Triad

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



6EB2FE



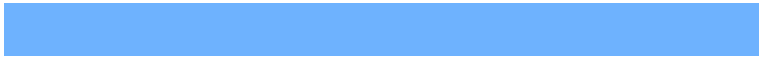
F99188



6CBF84

# Complementary

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



6EB2FE



FEBA6E

# 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.



9EB867



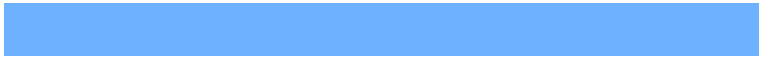
6EB2FE



E79D69

# Square

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



6EB2FE



F88EAF



C7AC5C



21C3AD

# Rectangle

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



6EB2FE



D39AE2



C7AC5C

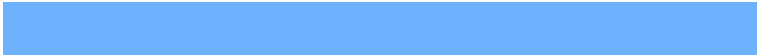


7EBD79

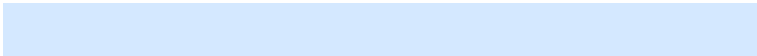


# Sweetspot

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



6EB2FE



D4E8FF



6EFEB8



667280



000000



808080



# Same Dimension

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



6EB2FE



52A3FF



706EFE



737980



005ABF



001E40



# Inverse Universe

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



FE6EB2



FF52A3



FCFE6E



807379



BF005A

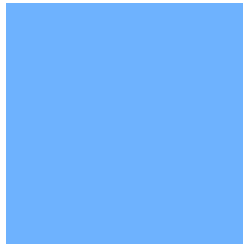


40001E



# Previews

## White Background



This preview shows how the Hex color 6EB2FE looks on a white background.

## Color Contrast Check

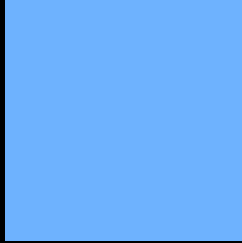
Large Text (above 18pt) WCAG AA × Fail

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 6EB2FE 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

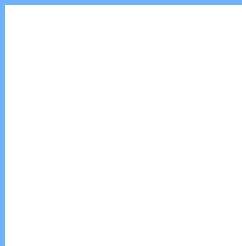
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6EB2FE Background



This preview shows how black text looks on a background with the Hex color 6EB2FE.



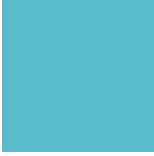
This preview shows how white text looks on a background with the Hex color 6EB2FE.

# Color Blindness Simulation

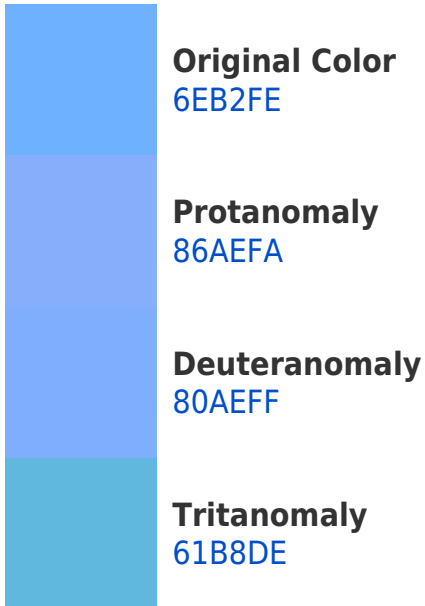
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

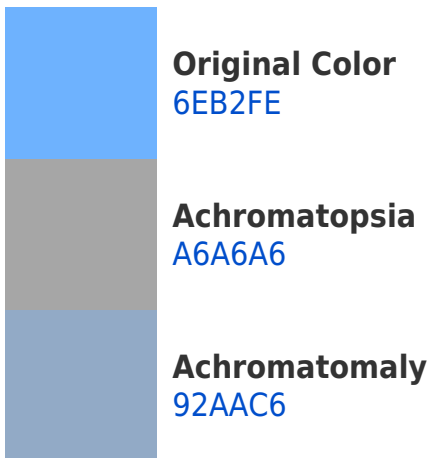




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EB2FE 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 #6EB2FE looks like.

```
.text, #text, p{  
    color:#6EB2FE  
}
```

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 #6EB2FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EB2FE
}
```

## Border

The CSS property to change the border of an element to Hex 6EB2FE 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
#6EB2FE }
```

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

```
.border{ border-color:#6EB2FE }
```

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

Here you see how a box with a 4 pixel #6EB2FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EB2FE; -webkit-box-shadow:4px 4px  
4px 4px #6EB2FE; box-shadow:4px 4px 4px  
4px #6EB2FE }
```

# Background

The CSS property to change the background color of an element to Hex 6EB2FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EB2FE }
```

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

```
.background{ background-color:#6EB2FE }
```

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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