

# Converting Colors

Hex(6EC2FE)

Have a look what the booklet for  
Hex(6EC2FE) contains.

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# **Color**

**Hex(6EC2FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EC2FE
RGB	110, 194, 254
RGB Percent	43%, 76%, 100%
CMY	0.5686, 0.2392, 0.0039
CMYK	0.57, 0.24, 0.00, 0.00
HSL	205°, 99%, 71%
HSV	205°, 57%, 100%
XYZ	43.6116, 49.0543, 100.9358
YIQ	175.7240, -69.3240, 0.8520

# Conversions

## Conversions Part 2

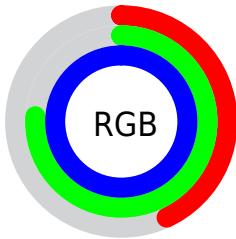
Format	Color
R <sub>Y</sub> B	110, 163, 254
Decimal	7258878
CIE Lab	75.49, -8.68, -37.28
CIE LCh	75, 38.276, 256.886
Yxy	49.0543, 0.2253, 0.2534
Android (android.graphics.Color)	4285448958 (0xFF6EC2FE)
YUV	175.7240, 38.5901, -57.6399
Hunter-Lab	70.0388, -11.4199, -36.4181

# Details

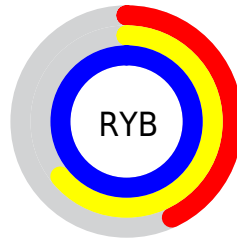
The Hex color **6EC2FE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FEAA6E**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **AAFAFF**, and **288DC5** is the 20% darker color. If you saturate the color by 10%, you get **55B7FE**, and if you desaturate by 10%, it is **87CDFE**.

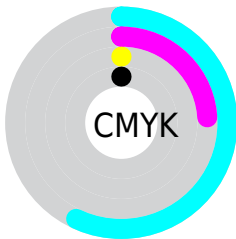
# Distribution



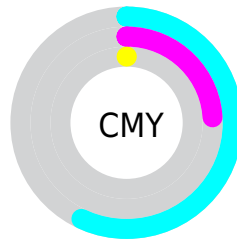
- Red (43%)
- Green (76%)
- Blue (100%)



- Red (43%)
- Yellow (64%)
- Blue (100%)



- Cyan (57%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (24%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EC2FE 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 6EC2FE by changing the saturation by 10% instead.



 6EC2FE

 6EC2FE

FFFFFF

 4EA7E1

 AAFAFF

 288DC5

 C8FFFF

 0073AA

 E7FFFF

 005B8F

 004375

 002D5C

 001A44

 00032D

 000118

■ 6EC2FE

■ 6EC2FE

■ 55B7FE

■ 87CDFE

■ 3BADFE

■ A1D7FE

■ 22A2FE

■ BAE2FE

■ 0898FE

■ D4ECFE

■ 0094FE

■ EDF7FE

FFFFFE

# Harmonies

## Analogous

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



39CAEC



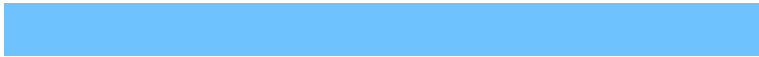
6EC2FE



A8B6FD

# Triad

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



6EC2FE



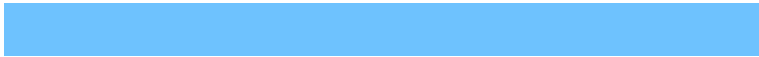
FF9FA7



96C789

# Complementary

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



6EC2FE



FEAA6E

# 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.



**BEBE75**



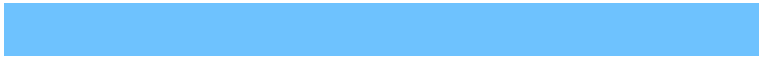
**6EC2FE**



**F7A788**

# Square

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



6EC2FE



F5A0CB



DFB275



6ACCA9

# Rectangle

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



6EC2FE



C9AEF2



DFB275

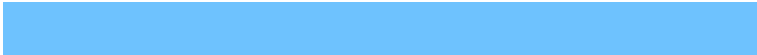


A3C480



# Sweetspot

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



6EC2FE



D4EDFF



6EFEAA



667580



000000



808080



# Same Dimension

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



6EC2FE



52B7FF



6E7AFE



737A80



0070BF



002540



# Inverse Universe

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



FE6EC2



FF52B7



FEF26E



80737A



BF0070



400025



# Previews

## White Background



This preview shows how the Hex color 6EC2FE looks on a white background.

## Color Contrast Check

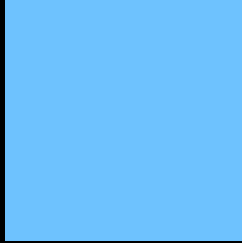
Large Text (above 18pt) WCAG AA × Fail

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 6EC2FE 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 6EC2FE Background



This preview shows how black text looks on a background with the Hex color 6EC2FE.

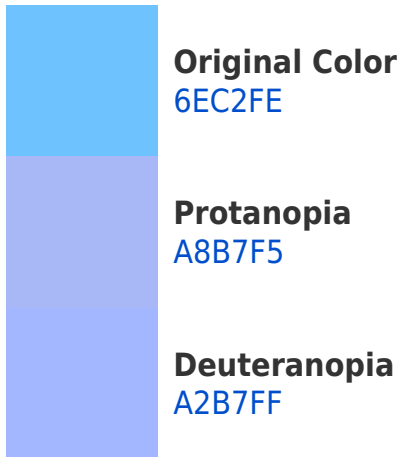


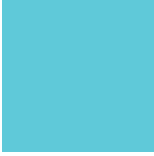
This preview shows how white text looks on a background with the Hex color 6EC2FE.

# 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](#).

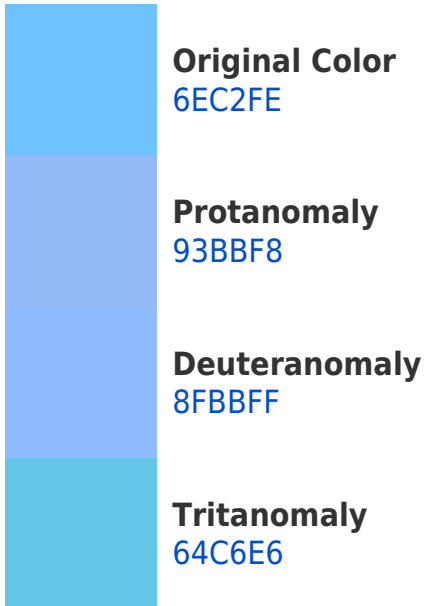
## Dichromacy



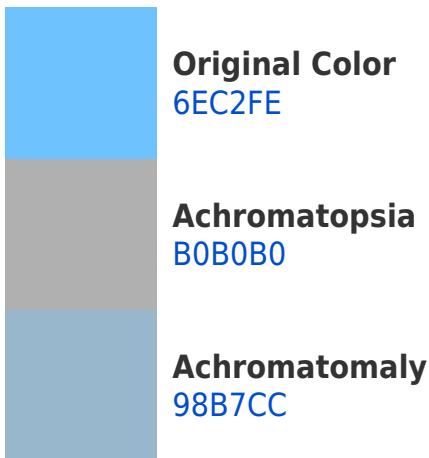


**Tritanopia**  
5FC9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EC2FE 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 #6EC2FE looks like.

```
.text, #text, p{  
    color:#6EC2FE  
}
```

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 #6EC2FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EC2FE
}
```

## Border

The CSS property to change the border of an element to Hex 6EC2FE 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
#6EC2FE }
```

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

```
.border{ border-color:#6EC2FE }
```

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

Here you see how a box with a 4 pixel #6EC2FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EC2FE; -webkit-box-shadow:4px 4px  
4px 4px #6EC2FE; box-shadow:4px 4px 4px  
4px #6EC2FE }
```

# Background

The CSS property to change the background color of an element to Hex 6EC2FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EC2FE }
```

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

```
.background{ background-color:#6EC2FE }
```

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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