

# Converting Colors

Hex(5780FE)

Have a look what the booklet for  
Hex(5780FE) contains.

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# **Color**

**Hex(5780FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5780FE
RGB	87, 128, 254
RGB Percent	34%, 50%, 100%
CMY	0.6588, 0.4980, 0.0039
CMYK	0.66, 0.50, 0.00, 0.00
HSL	225°, 99%, 67%
HSV	225°, 66%, 100%
XYZ	29.5390, 24.6203, 96.9613
YIQ	130.1050, -64.8820, 30.4940

# Conversions

## Conversions Part 2

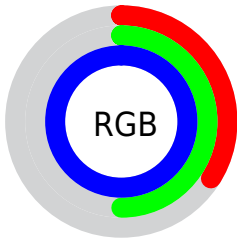
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	87, 120, 254
Decimal	5734654
CIE <sub>Lab</sub>	56.70, 25.30, -67.07
CIE <sub>LCh</sub>	57, 71.680, 290.670
Y <sub>xy</sub>	24.6203, 0.1955, 0.1629
Android (android.graphics.Color)	4283924734 (0xFF5780FE)
YUV	130.1050, 61.0802, -37.8031
Hunter-Lab	49.6189, 19.4313, -81.1266

# Details

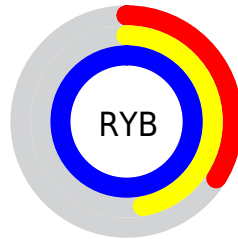
The Hex color **5780FE** is a light color, and the websafe version is hex **3366CC**. The color can be described as light muted azure. A complement of this color would be **FED557**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **98B4FF**, and **0050C4** is the 20% darker color. If you saturate the color by 10%, you get **3E6DFE**, and if you desaturate by 10%, it is **7093FE**.

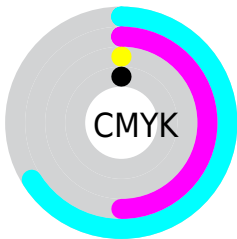
# Distribution



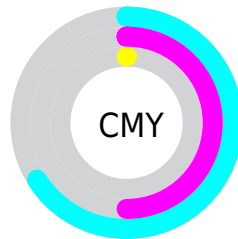
- Red (34%)
- Green (50%)
- Blue (100%)



- Red (34%)
- Yellow (47%)
- Blue (100%)



- Cyan (66%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (50%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5780FE 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 5780FE by changing the saturation by 10% instead.



 5780FE

 5780FE

FFFFFF

 2F67E1

 98B4FF

 0050C4

 B7D0FF

 003AA9

 D5ECFF

 00258D

 F4FFFF

 001473

 00045A

 000741

 00032A

 000114

■ 5780FE

■ 5780FE

■ 3E6DFE

■ 7093FE

■ 245AFE

■ 8AA6FE

■ 0B47FE

■ A3B9FE

■ 003EFE

■ BDCDFE

■ D6E0FE

■ EFF3FE

FFFFFE

# Harmonies

## Analogous

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



0095FF



5780FE



BF61D8

# Triad

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



5780FE



DF6225



00A372

# Complementary

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



5780FE



FED557

# 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.



199D31



5780FE



B47E00

# Square

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



5780FE



F54660



7B9200



00A4B3

# Rectangle

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



5780FE



E24CB3



7B9200



00A15C



# Sweetspot

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



5780FE



CCD9FF



57FED4



616880



000000



808080



# Same Dimension

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



5780FE



3667FF



8157FE



737680



002FBF



001040



# Inverse Universe

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



FE5780



FF3667



D4FE57



807376



BF002F

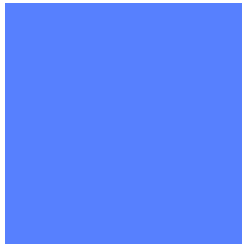


400010



# Previews

## White Background



This preview shows how the Hex color 5780FE looks on a white background.

## Color Contrast Check

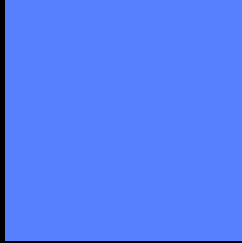
Large Text (above 18pt) WCAG AA ✓ Pass

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 5780FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

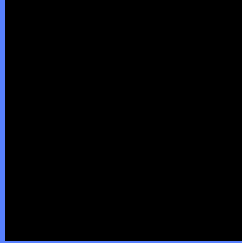
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5780FE Background



This preview shows how black text looks on a background with the Hex color 5780FE.

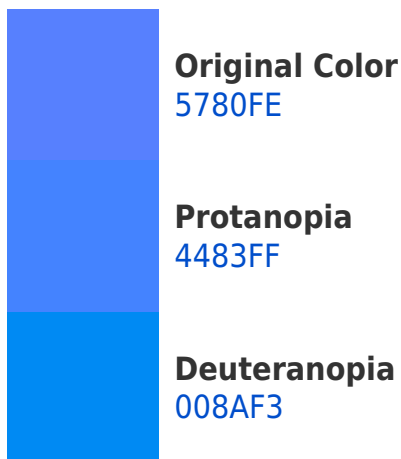


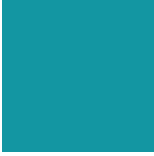
This preview shows how white text looks on a background with the Hex color 5780FE.

# 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](#).

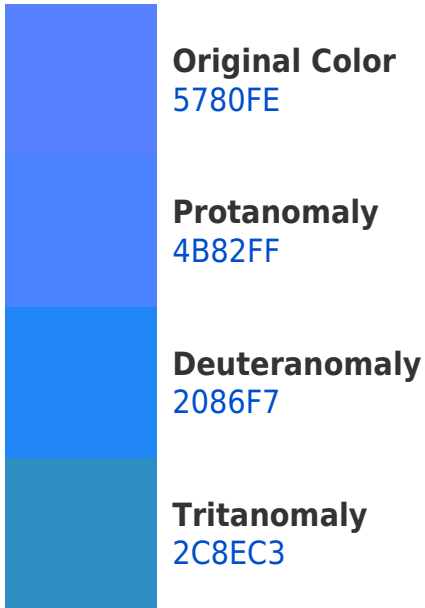
## Dichromacy



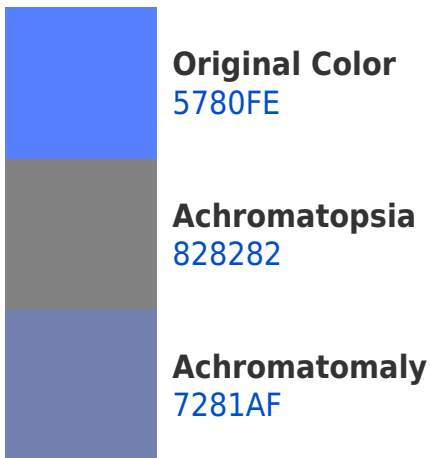


**Tritanopia**  
1396A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5780FE 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 #5780FE looks like.

```
.text, #text, p{  
    color:#5780FE  
}
```

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 #5780FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5780FE
}
```

## Border

The CSS property to change the border of an element to Hex 5780FE 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
#5780FE }
```

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

```
.border{ border-color:#5780FE }
```

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

Here you see how a box with a 4 pixel #5780FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5780FE; -webkit-box-shadow:4px 4px  
4px 4px #5780FE; box-shadow:4px 4px 4px  
4px #5780FE }
```

# Background

The CSS property to change the background color of an element to Hex 5780FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5780FE }
```

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

```
.background{ background-color:#5780FE }
```

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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