

# Converting Colors

Hex(5696FD)

Have a look what the booklet for  
Hex(5696FD) contains.

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# **Color**

**Hex(5696FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5696FD
RGB	86, 150, 253
RGB Percent	34%, 59%, 99%
CMY	0.6627, 0.4118, 0.0078
CMYK	0.66, 0.41, 0.00, 0.01
HSL	217°, 98%, 66%
HSV	217°, 66%, 99%
XYZ	32.4737, 30.8830, 97.1780
YIQ	142.6060, -71.2070, 18.4650

# Conversions

## Conversions Part 2

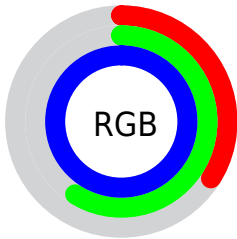
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	86, 132, 253
Decimal	5674749
CIE Lab	62.41, 11.57, -57.37
CIE LCh	62, 58.528, 281.406
Yxy	30.8830, 0.2023, 0.1924
Android (android.graphics.Color)	4283864829 (0xFF5696FD)
YUV	142.6060, 54.4242, -49.6435
Hunter-Lab	55.5725, 7.0545, -64.7780

# Details

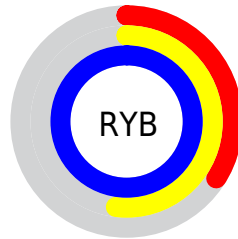
The Hex color **5696FD** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **FDBD56**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **96CCFF**, and **0064C4** is the 20% darker color. If you saturate the color by 10%, you get **3D86FD**, and if you desaturate by 10%, it is **6FA6FD**.

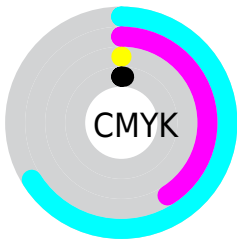
# Distribution



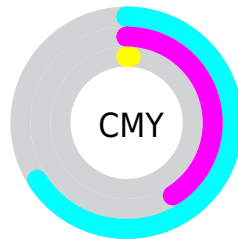
- Red (34%)
- Green (59%)
- Blue (99%)



- Red (34%)
- Yellow (52%)
- Blue (99%)



- Cyan (66%)
- Magenta (41%)
- Yellow (0%)
- Black (1%)



- Cyan (66%)
- Magenta (41%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5696FD 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 5696FD by changing the saturation by 10% instead.



■ 5696FD

■ 5696FD

FFFFFF

■ 2F7CE0

■ 96CCFF

■ 0064C4

■ B5E8FF

■ 004DA8

■ D4FFFF

■ 00378D

■ F2FFFF

■ 002373

■ 000C5A

■ 000741

■ 00032A

■ 000114

■ 5696FD

■ 5696FD

■ 3D86FD

■ 6FA6FD

■ 2377FD

■ 89B5FD

■ 0A67FD

■ A2C5FD

■ 0061FD

■ BBD4FD

■ D5E4FD

■ EEF4FD

FFFFFD

# Harmonies

## Analogous

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



00A5F9



5696FD



B381E5

# Triad

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



5696FD



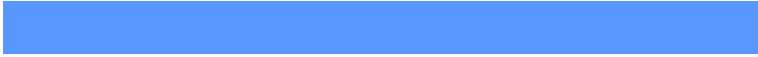
EC7455



00AE74

# Complementary

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



5696FD



FDBD56

# 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.



66A744



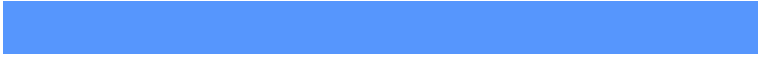
5696FD



CD8830

# Square

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



5696FD



F66785



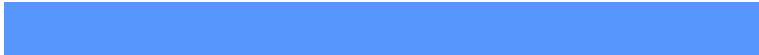
A09B26



00B0AA

# Rectangle

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



5696FD



D872C9



A09B26



28AC63



# Sweetspot

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



5696FD



CCE0FF



56FDBD



616D80



000000



808080



# Same Dimension

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



5696FD



3683FF



6956FD



737880



0049BF



001840



# Inverse Universe

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



FD5696



FF3683



EAFD56



807378



BF0049

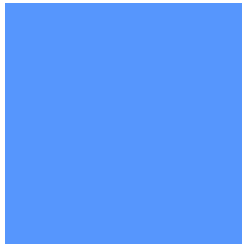


400018



# Previews

## White Background



This preview shows how the Hex color 5696FD 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 5696FD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

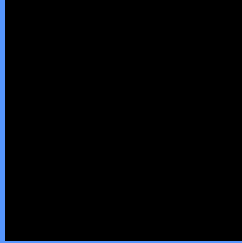
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

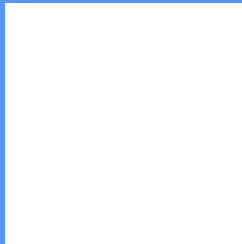
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5696FD Background



This preview shows how black text looks on a background with the Hex color 5696FD.



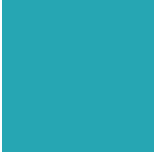
This preview shows how white text looks on a background with the Hex color 5696FD.

# 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](#).

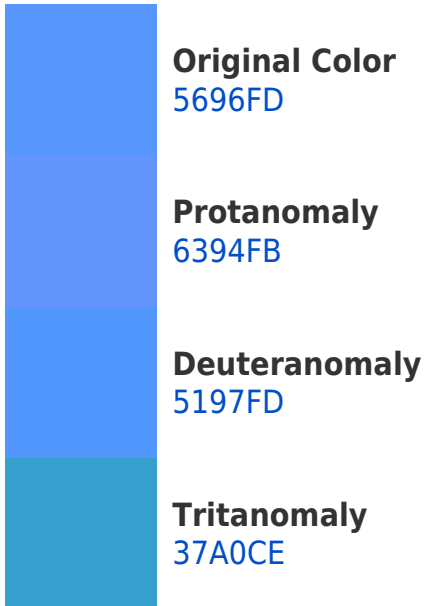
## Dichromacy



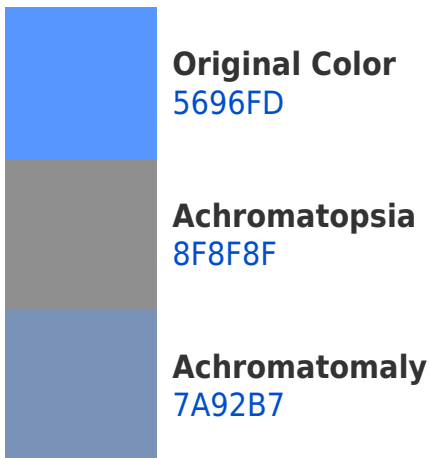


**Tritanopia**  
26A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5696FD 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 #5696FD looks like.

```
.text, #text, p{  
    color:#5696FD  
}
```

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 #5696FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5696FD
}
```

## Border

The CSS property to change the border of an element to Hex 5696FD 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
#5696FD }
```

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

```
.border{ border-color:#5696FD }
```

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

Here you see how a box with a 4 pixel #5696FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5696FD; -webkit-box-shadow:4px 4px  
4px 4px #5696FD; box-shadow:4px 4px 4px  
4px #5696FD }
```

# Background

The CSS property to change the background color of an element to Hex 5696FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5696FD }
```

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

```
.background{ background-color:#5696FD }
```

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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