

# Converting Colors

Hex(5D80FF)

Have a look what the booklet for  
Hex(5D80FF) contains.

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# **Color**

**Hex(5D80FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D80FF
RGB	93, 128, 255
RGB Percent	36%, 50%, 100%
CMY	0.6353, 0.4980, 0.0000
CMYK	0.64, 0.50, 0.00, 0.00
HSL	227°, 100%, 68%
HSV	227°, 64%, 100%
XYZ	30.2834, 24.9855, 97.8343
YIQ	132.0130, -61.6270, 32.0770

# Conversions

## Conversions Part 2

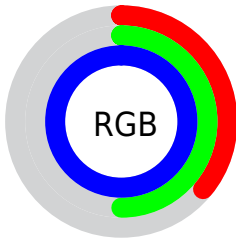
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 122, 255
Decimal	6127871
CIE <sub>Lab</sub>	57.06, 26.58, -67.02
CIE <sub>LCh</sub>	57, 72.103, 291.633
Yxy	24.9855, 0.1978, 0.1632
Android (android.graphics.Color)	4284317951 (0xFF5D80FF)
YUV	132.0130, 60.6326, -34.2144
Hunter-Lab	49.9855, 20.6684, -81.0557

# Details

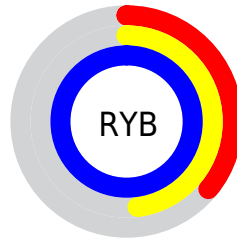
The Hex color **5D80FF** is a light color, and the websafe version is hex **6666CC**. The color can be described as light muted azure. A complement of this color would be **FFDC5D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **9DB4FF**, and **0050C5** is the 20% darker color. If you saturate the color by 10%, you get **436CFF**, and if you desaturate by 10%, it is **7794FF**.

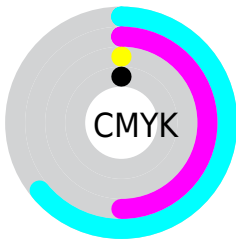
# Distribution



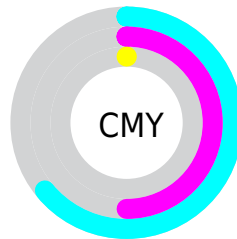
- Red (36%)
- Green (50%)
- Blue (100%)



- Red (36%)
- Yellow (48%)
- Blue (100%)



- Cyan (64%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (50%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D80FF 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 5D80FF by changing the saturation by 10% instead.



 5D80FF

 5D80FF

FFFFFF

 3867E2

 9DB4FF

 0050C5

 BBD0FF

 0039A9

 DAECFF

 00258E

 F9FFFF

 001474

 00035B

 000742

 00032B

 000115

■ 5D80FF

■ 5D80FF

■ 436CFF

■ 7794FF

■ 2A58FF

■ 90A8FF

■ 1044FF

■ AABCFF

■ 0037FF

■ C3D0FF

■ DDE4FF

■ F6F8FF

FFFFFF

# Harmonies

## Analogous

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



0096FF



5D80FF



C261D8

# Triad

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



5D80FF



DF6423



00A475

# Complementary

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



5D80FF



FFDC5D

# 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.



0F9F33



5D80FF



B48000

# Square

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



5D80FF



F6475F



799300



00A5B6

# Rectangle

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



5D80FF



E54CB2



799300



00A35F



# Sweetspot

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



5D80FF



CFD9FF



5DFFDC



626980



000000



808080



# Same Dimension

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



5D80FF



3D67FF



8B5DFF



737680



0029BF



000E40



# Inverse Universe

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



FF5D80



FF3D67



D1FF5D



807376



BF0029

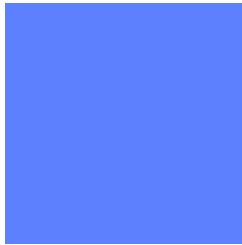


40000E



# Previews

## White Background



This preview shows how the Hex color 5D80FF looks on a white background.

## Color Contrast Check

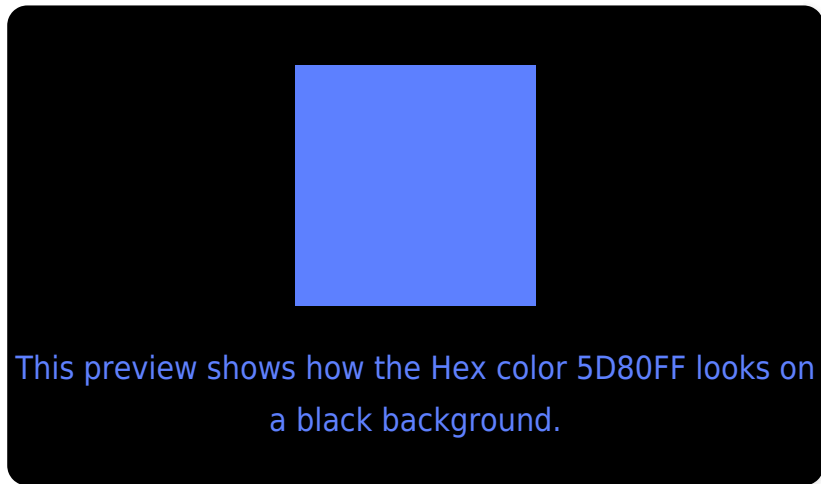
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

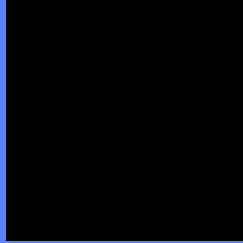
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5D80FF Background



This preview shows how black text looks on a background with the Hex color 5D80FF.

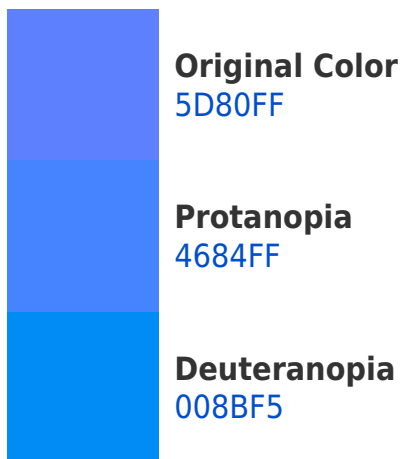


This preview shows how white text looks on a background with the Hex color 5D80FF.

# 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](#).

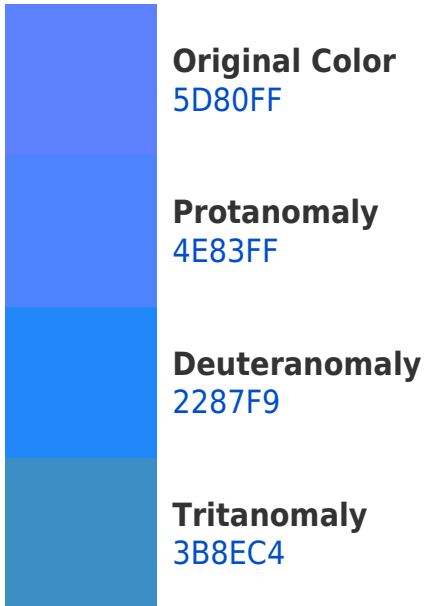
## Dichromacy





**Tritanopia**  
2896A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D80FF 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 #5D80FF looks like.

```
.text, #text, p{  
    color:#5D80FF  
}
```

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 #5D80FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D80FF
}
```

## Border

The CSS property to change the border of an element to Hex 5D80FF 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
#5D80FF }
```

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

```
.border{ border-color:#5D80FF }
```

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

Here you see how a box with a 4 pixel #5D80FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D80FF; -webkit-box-shadow:4px 4px  
4px 4px #5D80FF; box-shadow:4px 4px 4px  
4px #5D80FF }
```

# Background

The CSS property to change the background color of an element to Hex 5D80FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D80FF }
```

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

```
.background{ background-color:#5D80FF }
```

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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