

# Converting Colors

Hex(5D83FE)

Have a look what the booklet for  
Hex(5D83FE) contains.

<b>Hex(5D83FE)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(5D83FE)

# Conversions

## Conversions Part 1

Format	Color
Hex	5D83FE
RGB	93, 131, 254
RGB Percent	36%, 51%, 100%
CMY	0.6353, 0.4863, 0.0039
CMYK	0.63, 0.48, 0.00, 0.00
HSL	226°, 99%, 68%
HSV	226°, 63%, 100%
XYZ	30.5199, 25.7155, 97.1209
YIQ	133.6600, -62.1310, 30.1970

# Conversions

## Conversions Part 2

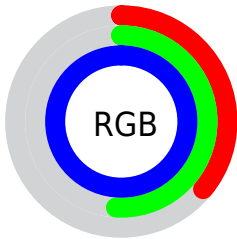
Format	Color
R <sub>Y</sub> B	93, 124, 254
Decimal	6128638
CIE Lab	57.77, 24.43, -65.34
CIE LCh	58, 69.757, 290.501
Yxy	25.7155, 0.1990, 0.1677
Android (android.graphics.Color)	4284318718 (0xFF5D83FE)
YUV	133.6600, 59.3276, -35.6588
Hunter-Lab	50.7105, 18.6862, -78.0552

# Details

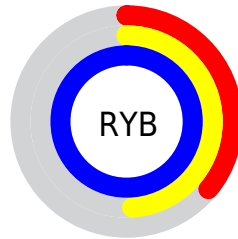
The Hex color **5D83FE** is a light color, and the websafe version is hex **3366CC**. The color can be described as light muted azure. A complement of this color would be **FED85D**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **9CB8FF**, and **0052C4** is the 20% darker color. If you saturate the color by 10%, you get **4470FE**, and if you desaturate by 10%, it is **7696FE**.

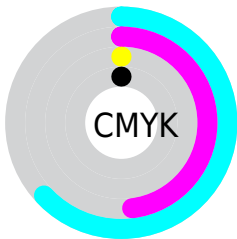
# Distribution



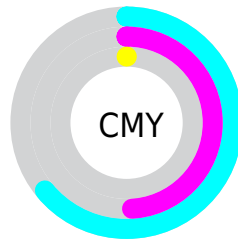
- Red (36%)
- Green (51%)
- Blue (100%)



- Red (36%)
- Yellow (49%)
- Blue (100%)



- Cyan (63%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (49%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D83FE 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 5D83FE by changing the saturation by 10% instead.



 5D83FE

 5D83FE

FFFFFF

 386AE1

 9CB8FF

 0052C4

 BBD3FF

 003CA9

 DAEFFF

 00278D

 F8FFFF

 001673

 00025A

 000741

 00032A

 000114

■ 5D83FE

■ 5D83FE

■ 4470FE

■ 7696FE

■ 2A5CFE

■ 90AAFE

■ 1149FE

■ A9BDFE

■ 003CFE

■ C3D1FE

■ DCE4FE

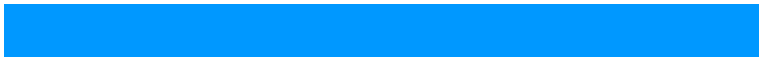
■ F5F7FE

FFFFFE

# Harmonies

## Analogous

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



0098FF



5D83FE



C066D9

# Triad

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



5D83FE



E1662B



00A575

# Complementary

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



5D83FE



FED85D

# 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.



27A036



5D83FE



B78100

# Square

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



5D83FE



F64D64



7F9400



00A6B4

# Rectangle

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



5D83FE



E352B5



7F9400



00A45F



# Sweetspot

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



5D83FE



CFDAFF



5DFED6



626980



000000



808080



# Same Dimension

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



5D83FE



3D6BFF



855DFE



737680



002DBF



000F40



# Inverse Universe

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



FE5D83



FF3D6B



D6FE5D



807376



BF002D

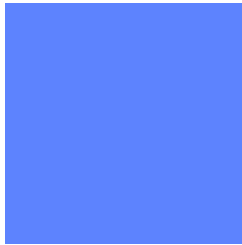


40000F



# Previews

## White Background



This preview shows how the Hex color 5D83FE looks on a white background.

## Color Contrast Check

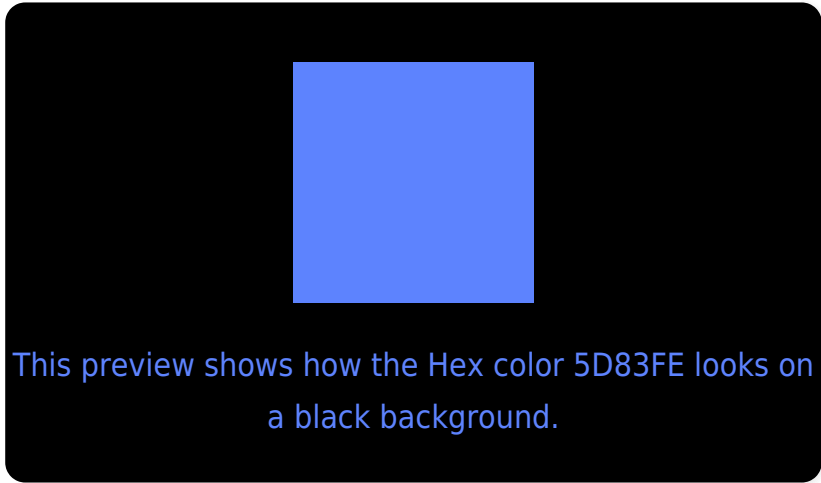
Large Text (above 18pt) WCAG AA ✓ Pass

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

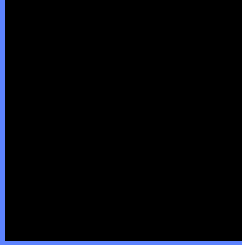
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5D83FE Background



This preview shows how black text looks on a background with the Hex color 5D83FE.

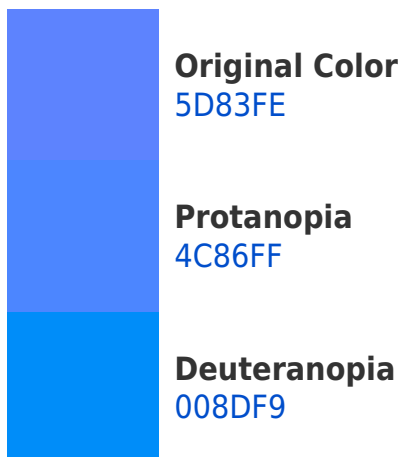


This preview shows how white text looks on a background with the Hex color 5D83FE.

# 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](#).

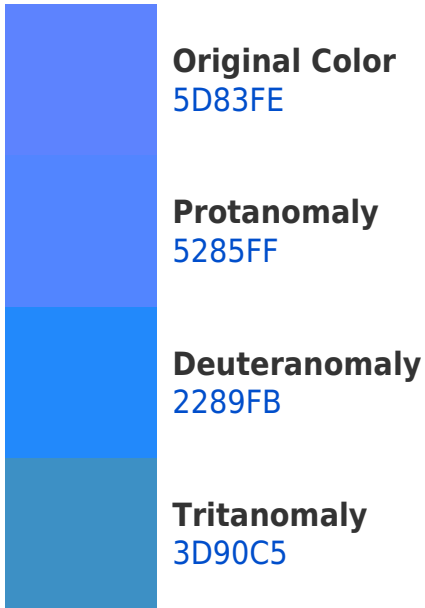
## Dichromacy





**Tritanopia**  
2B98A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D83FE 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 #5D83FE looks like.

```
.text, #text, p{  
    color:#5D83FE  
}
```

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 #5D83FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D83FE
}
```

## Border

The CSS property to change the border of an element to Hex 5D83FE 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
#5D83FE }
```

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

```
.border{ border-color:#5D83FE }
```

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

Here you see how a box with a 4 pixel #5D83FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D83FE; -webkit-box-shadow:4px 4px  
4px 4px #5D83FE; box-shadow:4px 4px 4px  
4px #5D83FE }
```

# Background

The CSS property to change the background color of an element to Hex 5D83FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D83FE }
```

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

```
.background{ background-color:#5D83FE }
```

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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