

Converting Colors

Hex(5D8FEF)

Have a look what the booklet for
Hex(5D8FEF) contains.

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Color

Hex(5D8FEF)

Conversions

Conversions Part 1

Format	Color
Hex	5D8FEF
RGB	93, 143, 239
RGB Percent	36%, 56%, 94%
CMY	0.6353, 0.4392, 0.0627
CMYK	0.61, 0.40, 0.00, 0.06
HSL	219°, 82%, 65%
HSV	219°, 61%, 94%
XYZ	29.9166, 28.2041, 85.5285
YIQ	138.9940, -60.6160, 19.2560

Conversions

Conversions Part 2

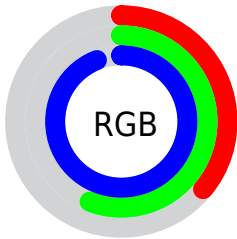
Format	Color
R _Y B	93, 130, 239
Decimal	6131695
CIE Lab	60.07, 12.22, -53.38
CIE LCh	60, 54.756, 282.893
Yxy	28.2041, 0.2083, 0.1963
Android (android.graphics.Color)	4284321775 (0xFF5D8FEF)
YUV	138.9940, 49.3030, -40.3367
Hunter-Lab	53.1075, 7.6149, -58.3100

Details

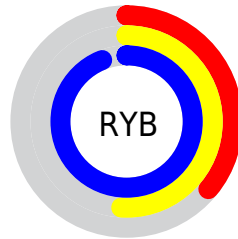
The Hex color **5D8FEF** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **EFBD5D**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **9AC4FF**, and **025DB6** is the 20% darker color. If you saturate the color by 10%, you get **457FEF**, and if you desaturate by 10%, it is **759FEF**.

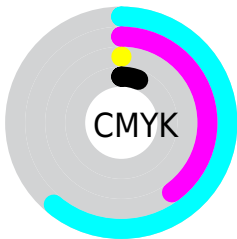
Distribution



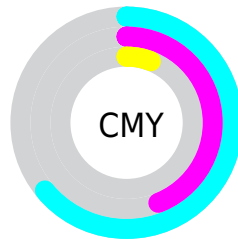
- Red (36%)
- Green (56%)
- Blue (94%)



- Red (36%)
- Yellow (51%)
- Blue (94%)



- Cyan (61%)
- Magenta (40%)
- Yellow (0%)
- Black (6%)



- Cyan (64%)
- Magenta (44%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D8FEF 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 5D8FEF by changing the saturation by 10% instead.

 5D8FEF

 5D8FEF

FFFFFF

 3B76D2

 9AC4FF

 025DB6

 B8E0FF

 00469B

 D6FDFF

 003181

 F4FFFF

 001D67

 00014E

 000536

 000220

 000004

■ 5D8FEF

■ 5D8FEF

■ 457FEF

■ 759FEF

■ 2D70EF

■ 8DAEEF

■ 1560EF

■ A5BEEF

■ 0052EF

■ BDCEEF

■ D4DEEF

■ ECEDEF

■ FFFDEF

■ FFFFEF

Harmonies

Analogous

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



009EED



5D8FEF



AE7BD8

Triad

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



5D8FEF



DF7151



00A673

Complementary

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



5D8FEF



EFBD5D

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.



61A046



5D8FEF



C18431

Square

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



5D8FEF



E9657E



97952A



00A8A5

Rectangle

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



5D8FEF



CF6EBE



97952A



28A563

Sweetspot

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



5D8FEF



D1E1FF



5DEFBC



636D80



000000



808080

Same Dimension

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



5D8FEF



4585FF



735DEF



6C7078



003FB8



001338

Inverse Universe

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



EF5D8F



FF4585



D9EF5D



786C70



B8003F



380013

Previews

White Background



This preview shows how the Hex color 5D8FEF looks on a white background.

Color Contrast Check

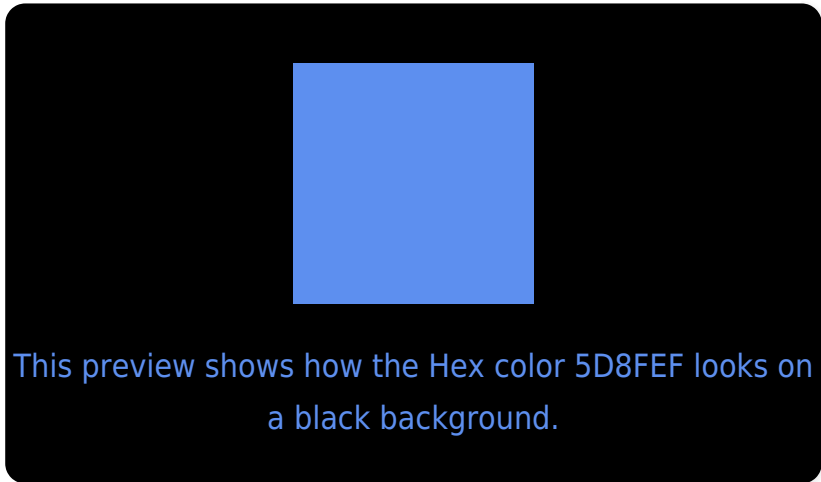
Large Text (above 18pt) WCAG AA ✓ Pass

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

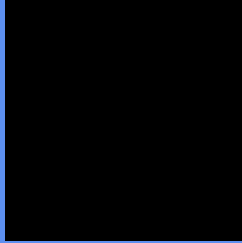
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

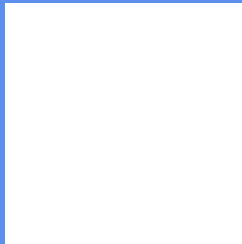
Any Text WCAG AAA × Fail

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

Hex 5D8FEF Background



This preview shows how black text looks on a background with the Hex color 5D8FEF.

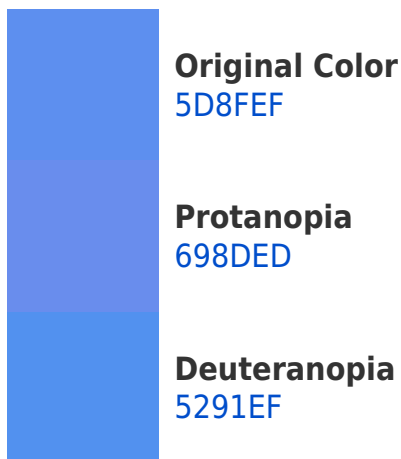


This preview shows how white text looks on a background with the Hex color 5D8FEF.

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](#).

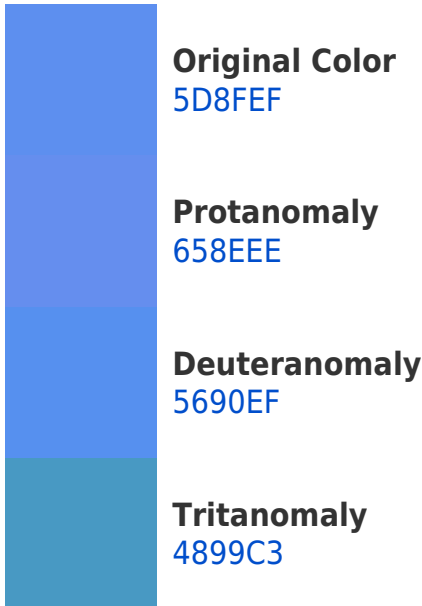
Dichromacy



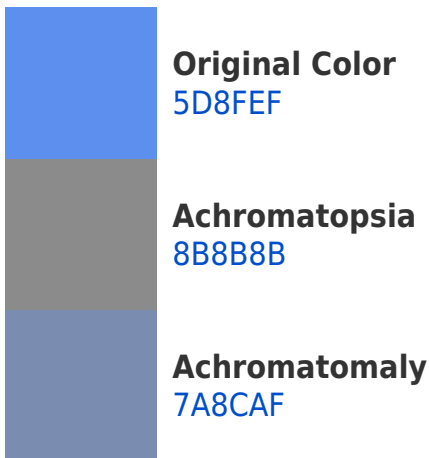


Tritanopia
3C9EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D8FEF 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 #5D8FEF looks like.

```
.text, #text, p{  
    color:#5D8FEF  
}
```

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 #5D8FEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D8FEF
}
```

Border

The CSS property to change the border of an element to Hex 5D8FEF is called "border". The border property can be set on classes, ids or directly on the HTML element.

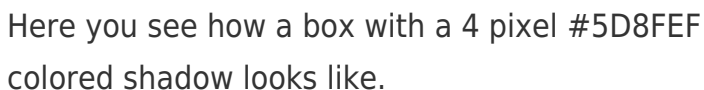
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D8FEF }
```

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

```
.border{ border-color:#5D8FEF }
```

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



Here you see how a box with a 4 pixel #5D8FEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D8FEF; -webkit-box-shadow:4px 4px  
4px 4px #5D8FEF; box-shadow:4px 4px 4px  
4px #5D8FEF }
```

Background

The CSS property to change the background color of an element to Hex 5D8FEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D8FEF }
```

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

```
.background{ background-color:#5D8FEF }
```

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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