

Converting Colors

Hex(5D8FDD)

Have a look what the booklet for
Hex(5D8FDD) contains.

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Color

Hex(5D8FDD)

Conversions

Conversions Part 1

Format	Color
Hex	5D8FDD
RGB	93, 143, 221
RGB Percent	36%, 56%, 87%
CMY	0.6353, 0.4392, 0.1333
CMYK	0.58, 0.35, 0.00, 0.13
HSL	217°, 65%, 62%
HSV	217°, 58%, 87%
XYZ	27.3878, 27.1925, 72.2118
YIQ	136.9420, -54.8380, 13.6580

Conversions

Conversions Part 2

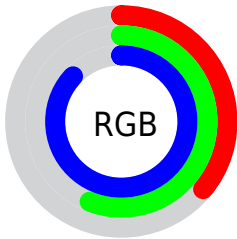
Format	Color
R_{YB}	93, 129, 221
Decimal	6131677
CIE _{Lab}	59.15, 6.32, -44.84
CIE _{LCh}	59, 45.284, 278.021
Yxy	27.1925, 0.2160, 0.2145
Android (android.graphics.Color)	4284321757 (0xFF5D8FDD)
YUV	136.9420, 41.4406, -38.5371
Hunter-Lab	52.1465, 2.4935, -45.6016

Details

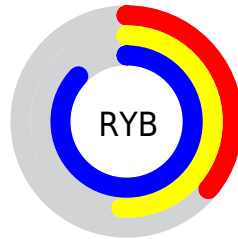
The Hex color **5D8FDD** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **DDAB5D**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **98C4FF**, and **145DA5** is the 20% darker color. If you saturate the color by 10%, you get **4782DD**, and if you desaturate by 10%, it is **739CDD**.

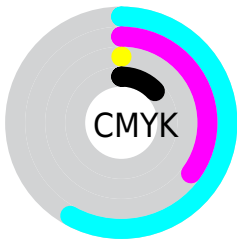
Distribution



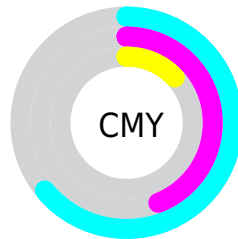
- Red (36%)
- Green (56%)
- Blue (87%)



- Red (36%)
- Yellow (51%)
- Blue (87%)



- Cyan (58%)
- Magenta (35%)
- Yellow (0%)
- Black (13%)



- Cyan (64%)
- Magenta (44%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D8FDD 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 5D8FDD by changing the saturation by 10% instead.

■ 5D8FDD

■ 5D8FDD

FFFFFF

■ 3E76C1

■ 98C4FF

■ 145DA5

■ B5E0FF

■ 00468B

■ D2FDFF

■ 003071

■ F0FFFF

■ 001C58

■ 000540

■ 000329

■ 000113

■ 000000

■ 5D8FDD

■ 5D8FDD

■ 4782DD

■ 739CDD

■ 3174DD

■ 89AADD

■ 1B67DD

■ 9FB7DD

■ 0559DD

■ B5C5DD

■ 0056DD

■ CCD2DD

■ E2E0DD

■ F8EDDD

■ FFFBDD

■ FFFFDD

Harmonies

Analogous

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



009BD8



5D8FDD



9F80CD

Triad

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



5D8FDD



D4745F



36A06F

Complementary

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



5D8FDD



DDAB5D

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.



719A4D



5D8FDD



BE8244

Square

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



5D8FDD



D96C85



9C903C



00A398

Rectangle

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



5D8FDD



BD76B9



9C903C



4E9F63

Sweetspot

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



5D8FDD



D4E5FF



5DDDAA



667080



000000



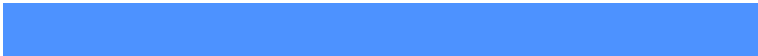
808080

Same Dimension

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



5D8FDD



4D92FF



6A5DDD



63676E



0044AD



00122E

Inverse Universe

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



DD5D8F



FF4D92



D0DD5D



6E6367



AD0044



2E0012

Previews

White Background



This preview shows how the Hex color 5D8FDD looks on a white background.

Color Contrast Check

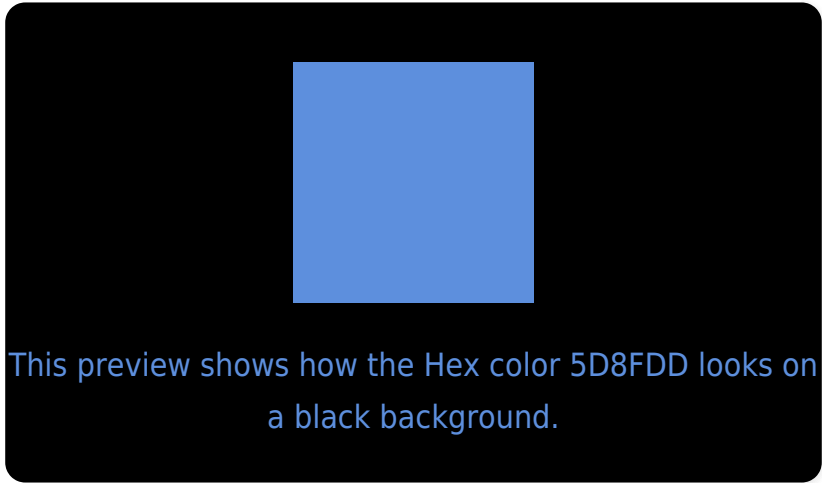
Large Text (above 18pt) WCAG AA ✓ Pass

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

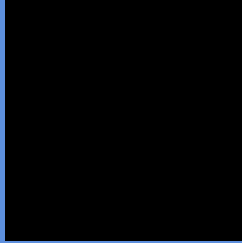
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

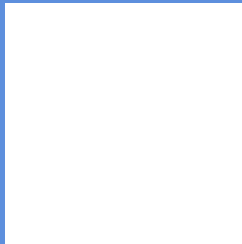
Any Text WCAG AAA × Fail

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

Hex 5D8FDD Background



This preview shows how black text looks on a background with the Hex color 5D8FDD.

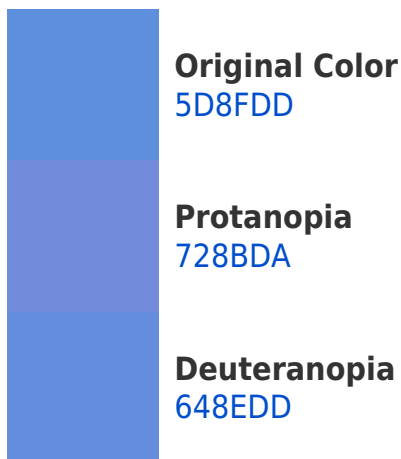


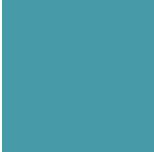
This preview shows how white text looks on a background with the Hex color 5D8FDD.

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](#).

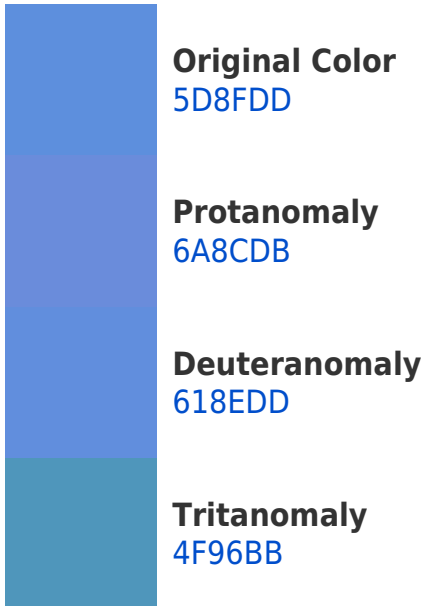
Dichromacy



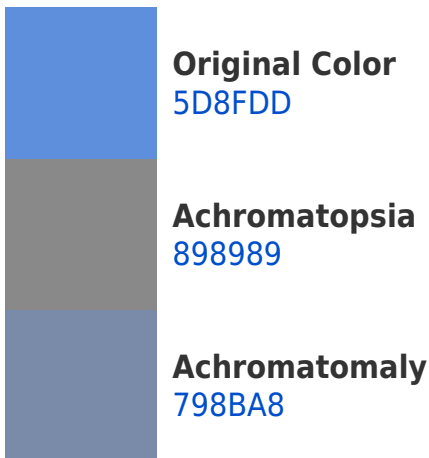


Tritanopia
479AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D8FDD 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 #5D8FDD looks like.

```
.text, #text, p{  
    color:#5D8FDD  
}
```

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 #5D8FDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D8FDD
}
```

Border

The CSS property to change the border of an element to Hex 5D8FDD 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
#5D8FDD }
```

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

```
.border{ border-color:#5D8FDD }
```

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

Here you see how a box with a 4 pixel #5D8FDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D8FDD; -webkit-box-shadow:4px 4px  
4px 4px #5D8FDD; box-shadow:4px 4px 4px  
4px #5D8FDD }
```

Background

The CSS property to change the background color of an element to Hex 5D8FDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D8FDD }
```

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

```
.background{ background-color:#5D8FDD }
```

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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