

Converting Colors

Hex(5F8DDB)

Have a look what the booklet for
Hex(5F8DDB) contains.

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Color

Hex(5F8DDB)

Conversions

Conversions Part 1

Format	Color
Hex	5F8DDB
RGB	95, 141, 219
RGB Percent	37%, 55%, 86%
CMY	0.6275, 0.4471, 0.1412
CMYK	0.57, 0.36, 0.00, 0.14
HSL	218°, 63%, 62%
HSV	218°, 57%, 86%
XYZ	27.0304, 26.5971, 70.7269
YIQ	136.1380, -52.4540, 14.5060

Conversions

Conversions Part 2

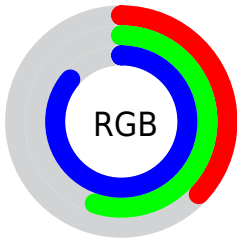
Format	Color
R _{YB}	95, 129, 219
Decimal	6262235
CIE Lab	58.60, 7.26, -44.59
CIE LCh	59, 45.176, 279.244
Yxy	26.5971, 0.2174, 0.2139
Android (android.graphics.Color)	4284452315 (0xFF5F8DDB)
YUV	136.1380, 40.8510, -36.0780
Hunter-Lab	51.5724, 3.3046, -45.2103

Details

The Hex color **5F8DDB** 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 **DBAD5F**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **99C2FF**, and **1A5BA4** is the 20% darker color. If you saturate the color by 10%, you get **497FDB**, and if you desaturate by 10%, it is **759BDB**.

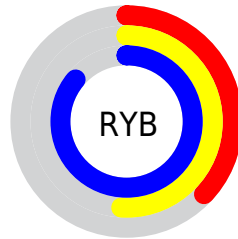
Distribution



Red (37%)

Green (55%)

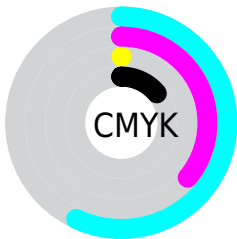
Blue (86%)



Red (37%)

Yellow (51%)

Blue (86%)

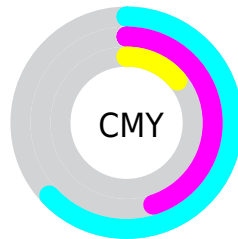


Cyan (57%)

Magenta (36%)

Yellow (0%)

Black (14%)



Cyan (63%)

Magenta (45%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F8DDB 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 5F8DDB by changing the saturation by 10% instead.

■ 5F8DDB

■ 5F8DDB

FFFFFF

■ 4074BF

■ 99C2FF

■ 1A5BA4

■ B6DEFF

■ 004489

■ D4FBFF

■ 002F6F

■ F2FFFF

■ 001B56

■ 00053E

■ 000328

■ 000111

■ 000000

■ 5F8DDB

■ 5F8DDB

■ 497FDB

■ 759BDB

■ 3371DB

■ 8BA9DB

■ 1D64DB

■ A1B6DB

■ 0756DB

■ B7C4DB

■ 0051DB

■ CCD2DB

■ E2E0DB

■ F8EDDB

■ FFFBDB

■ FFFFDB

Harmonies

Analogous

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



0099D6



5F8DDB



A07ECB

Triad

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



5F8DDB



D1735D



319F6F

Complementary

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



5F8DDB



DBAD5F

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.



6E994D



5F8DDB



BB8142

Square

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



5F8DDB



D76B82



988F3B



00A198

Rectangle

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



5F8DDB



BD74B6



988F3B



4A9D63

Sweetspot

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



5F8DDB



D4E4FF



5FDBAB



666F80



000000



808080

Same Dimension

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



5F8DDB



5292FF



6D5FDB



63676E



0040AD



00112E

Inverse Universe

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



DB5F8D



FF5292



CDDB5F



6E6367



AD0040



2E0011

Previews

White Background



This preview shows how the Hex color 5F8DDB 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



This preview shows how the Hex color 5F8DDB 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

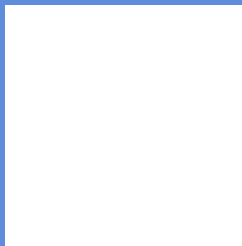
Any Text WCAG AAA × Fail

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

Hex 5F8DDB Background



This preview shows how black text looks on a background with the Hex color 5F8DDB.

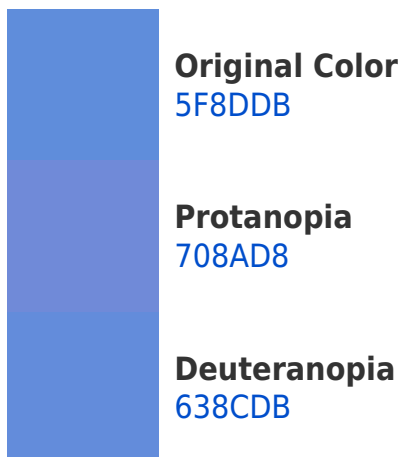


This preview shows how white text looks on a background with the Hex color 5F8DDB.

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](#).

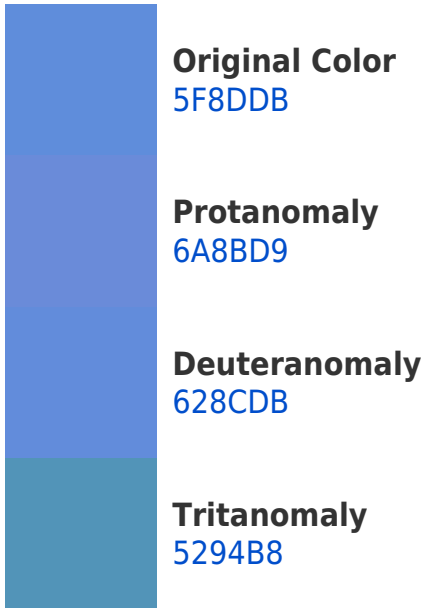
Dichromacy



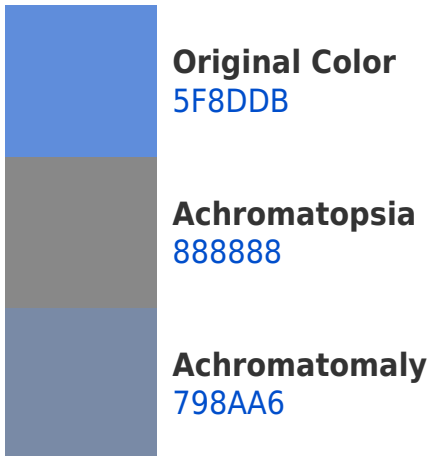


Tritanopia
4A98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F8DDB 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 #5F8DDB looks like.

```
.text, #text, p{  
  color:#5F8DDB  
}
```

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 #5F8DDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F8DDB
}
```

Border

The CSS property to change the border of an element to Hex 5F8DDB 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
#5F8DDB }
```

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

```
.border{ border-color:#5F8DDB }
```

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

Here you see how a box with a 4 pixel #5F8DDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F8DDB; -webkit-box-shadow:4px 4px  
4px 4px #5F8DDB; box-shadow:4px 4px 4px  
4px #5F8DDB }
```

Background

The CSS property to change the background color of an element to Hex 5F8DDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F8DDB }
```

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

```
.background{ background-color:#5F8DDB }
```

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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