

Converting Colors

Hex(5F7DDF)

Have a look what the booklet for
Hex(5F7DDF) contains.

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Color

Hex(5F7DDF)

Conversions

Conversions Part 1

Format	Color
Hex	5F7DDF
RGB	95, 125, 223
RGB Percent	37%, 49%, 87%
CMY	0.6275, 0.5098, 0.1255
CMYK	0.57, 0.44, 0.00, 0.13
HSL	226°, 67%, 62%
HSV	226°, 57%, 87%
XYZ	25.3722, 22.4278, 72.8038
YIQ	127.2020, -49.3380, 24.1180

Conversions

Conversions Part 2

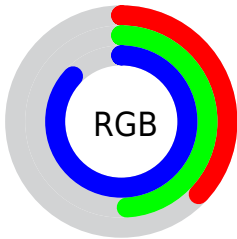
Format	Color
R_{YB}	95, 119, 223
Decimal	6258143
CIE _{Lab}	54.48, 18.16, -53.37
CIE _{LCh}	54, 56.378, 288.787
Yxy	22.4278, 0.2104, 0.1860
Android (android.graphics.Color)	4284448223 (0xFF5F7DDF)
YUV	127.2020, 47.2284, -28.2412
Hunter-Lab	47.3580, 12.7553, -57.9962

Details

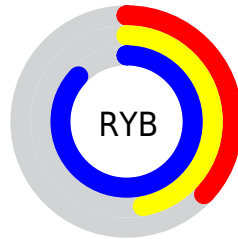
The Hex color **5F7DDF** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **DFC15F**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **9AB1FF**, and **164DA7** is the 20% darker color. If you saturate the color by 10%, you get **496CDF**, and if you desaturate by 10%, it is **758EDF**.

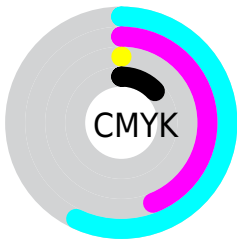
Distribution



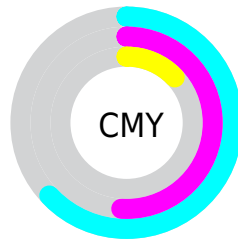
- Red (37%)
- Green (49%)
- Blue (87%)



- Red (37%)
- Yellow (47%)
- Blue (87%)



- Cyan (57%)
- Magenta (44%)
- Yellow (0%)
- Black (13%)



- Cyan (63%)
- Magenta (51%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F7DDF 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 5F7DDF by changing the saturation by 10% instead.

■ 5F7DDF

■ 5F7DDF

FFFFFF

■ 3F64C3

■ 9AB1FF

■ 164DA7

■ B7CDFF

■ 00378C

■ D5E9FF

■ 002272

■ F3FFFF

■ 000E59

■ 000741

■ 00032A

■ 000114

■ 000000

■ 5F7DDF

■ 5F7DDF

■ 496CDF

■ 758EDF

■ 325BDF

■ 8C9FDF

■ 1C4ADF

■ A2B0DF

■ 0639DF

■ B8C1DF

■ 0034DF

■ CFD2DF

■ E5E3DF

■ FBF5DF

■ FFFFDF

Harmonies

Analogous

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



008DE2



5F7DDF



AB68C3

Triad

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



5F7DDF



CB663A



00986E

Complementary

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



5F7DDF



DFC15F

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.



42933E



5F7DDF



AA7918

Square

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



5F7DDF



DA5566



7E8919



0099A0

Rectangle

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



5F7DDF



C85BA7



7E8919



00975D

Sweetspot

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



5F7DDF



D4DEFF



5FDFBF



666C80



000000



808080

Same Dimension

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



5F7DDF



4F78FF



7F5FDF



656870



0029B0



000B30

Inverse Universe

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



DF5F7D



FF4F78



BDFDF5F



706568



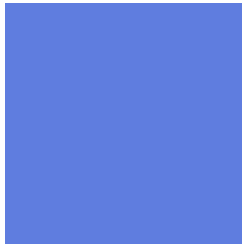
B00029



30000B

Previews

White Background



This preview shows how the Hex color 5F7DDF looks on a white background.

Color Contrast Check

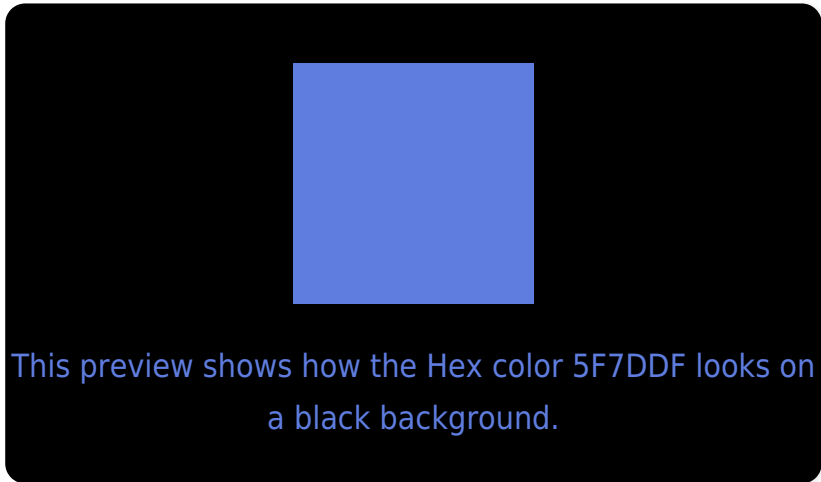
Large Text (above 18pt) WCAG AA ✓ Pass

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 5F7DDF Background



This preview shows how black text looks on a background with the Hex color 5F7DDF.



This preview shows how white text looks on a background with the Hex color 5F7DDF.

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



Original Color
5F7DDF

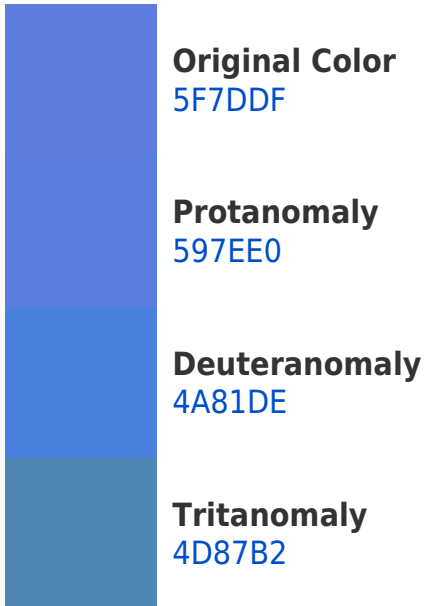
Protanopia
567FE0

Deuteranopia
3E83DE

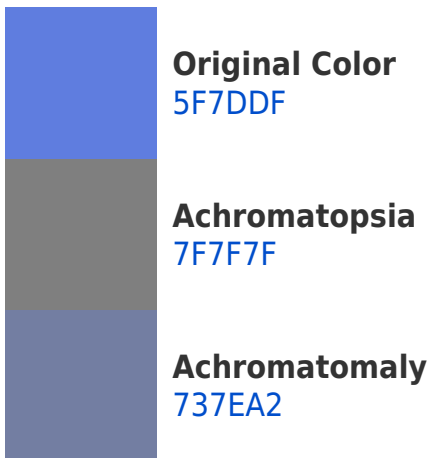


Tritanopia
428D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F7DDF 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 #5F7DDF looks like.

```
.text, #text, p{  
    color:#5F7DDF  
}
```

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 #5F7DDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7DDF
}
```

Border

The CSS property to change the border of an element to Hex 5F7DDF 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
#5F7DDF }
```

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

```
.border{ border-color:#5F7DDF }
```

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

Here you see how a box with a 4 pixel #5F7DDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7DDF; -webkit-box-shadow:4px 4px  
4px 4px #5F7DDF; box-shadow:4px 4px 4px  
4px #5F7DDF }
```

Background

The CSS property to change the background color of an element to Hex 5F7DDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7DDF }
```

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

```
.background{ background-color:#5F7DDF }
```

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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