

Converting Colors

Hex(5D6FBC)

Have a look what the booklet for
Hex(5D6FBC) contains.

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Color

Hex(5D6FBC)

Conversions

Conversions Part 1

Format	Color
Hex	5D6FBC
RGB	93, 111, 188
RGB Percent	36%, 44%, 74%
CMY	0.6353, 0.5647, 0.2627
CMYK	0.51, 0.41, 0.00, 0.26
HSL	229°, 41%, 55%
HSV	229°, 51%, 74%
XYZ	19.2757, 17.3269, 49.9054
YIQ	114.3960, -35.4450, 20.1310

Conversions

Conversions Part 2

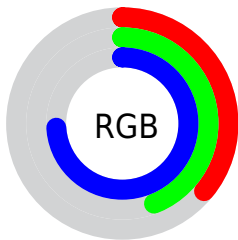
Format	Color
R _Y B	93, 108, 188
Decimal	6123452
CIE Lab	48.67, 15.01, -42.70
CIE LCh	49, 45.267, 289.371
Yxy	17.3269, 0.2228, 0.2003
Android (android.graphics.Color)	4284313532 (0xFF5D6FBC)
YUV	114.3960, 36.2868, -18.7643
Hunter-Lab	41.6256, 9.8141, -41.9457

Details

The Hex color **5D6FBC** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **BCAA5D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **94A2F5**, and **224086** is the 20% darker color. If you saturate the color by 10%, you get **4A60BC**, and if you desaturate by 10%, it is **707EBC**.

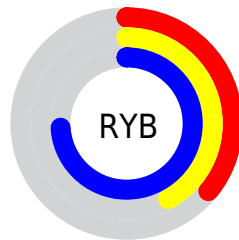
Distribution



Red (36%)

Green (44%)

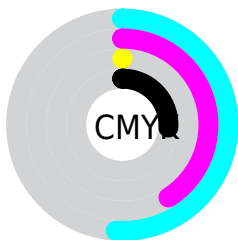
Blue (74%)



Red (36%)

Yellow (42%)

Blue (74%)

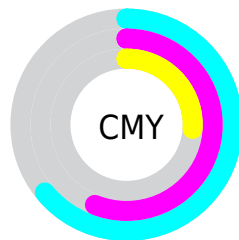


Cyan (51%)

Magenta (41%)

Yellow (0%)

Black (26%)



Cyan (64%)

Magenta (56%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D6FBC 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 5D6FBC by changing the saturation by 10% instead.

■ 5D6FBC

■ 5D6FBC

FFFFFF

■ 4157A1

■ 94A2F5

■ 224086

■ B1BDFF

■ 002A6C

■ CDD9FF

■ 001754

■ EBF5FF

■ 00003C

■ 000225

■ 00010E

■ 000000

■ 5D6FBC

■ 5D6FBC

■ 4A60BC

■ 707EBC

■ 3751BC

■ 838DBC

■ 2541BC

■ 959DBC

■ 1232BC

■ A8ACBC

■ 0024BC

■ BBBBBC

■ CECABC

■ E1DABC

■ F3E9BC

■ FFF8BC

Harmonies

Analogous

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



007CBF



5D6FBC



955FA6

Triad

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



5D6FBC



AE5E3B



008664

Complementary

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



5D6FBC



BCAA5D

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.



43813F



5D6FBC



946D24

Square

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



5D6FBC



BA525C



707926



00868C

Rectangle

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



5D6FBC



AB568F



707926



008457

Sweetspot

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



5D6FBC



D0D7F5



5DBCA9



64697A



FAFAFA



7A7A7A

Same Dimension

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



5D6FBC



5F7CF5



7A5DBC



55575E



001E9E



00061F

Inverse Universe

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



BC5D6F



F55F7C



A0BC5D



5E5557



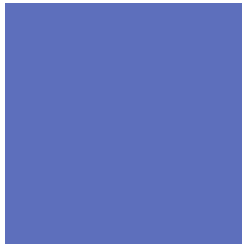
9E001E



1F0006

Previews

White Background



This preview shows how the Hex color 5D6FBC looks on a white background.

Color Contrast Check

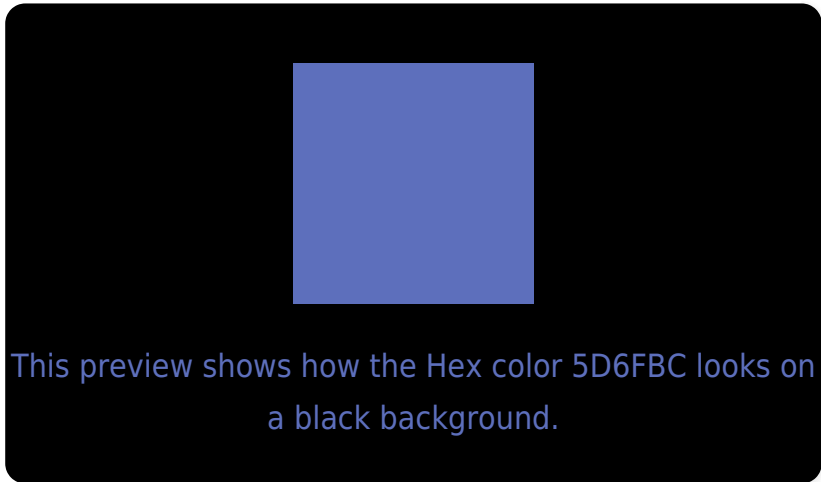
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

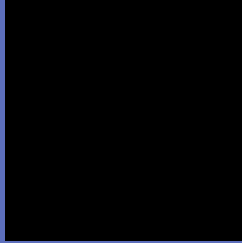
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 5D6FBC Background



This preview shows how black text looks on a background with the Hex color 5D6FBC.

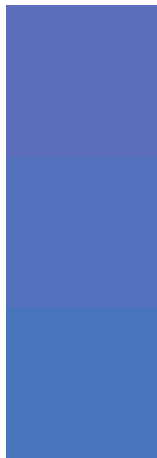


This preview shows how white text looks on a background with the Hex color 5D6FBC.

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
5D6FBC

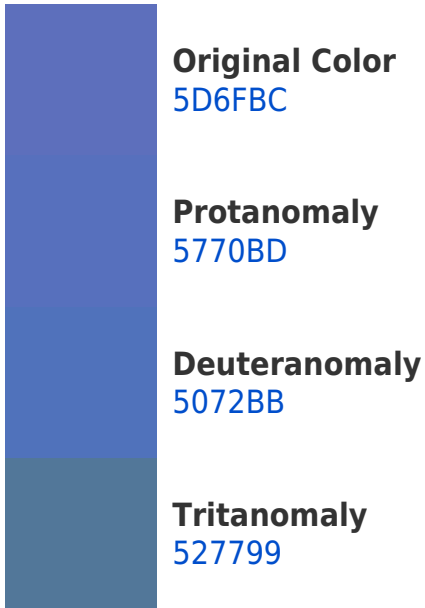
Protanopia
5471BE

Deuteranopia
4874BB



Tritanopia
4B7B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D6FBC 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 #5D6FBC looks like.

```
.text, #text, p{  
    color:#5D6FBC  
}
```

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 #5D6FBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6FBC
}
```

Border

The CSS property to change the border of an element to Hex 5D6FBC is called "border". The border property can be set on classes, ids or directly on the HTML element.

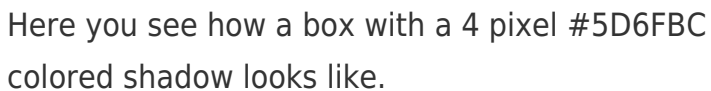
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D6FBC }
```

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

```
.border{ border-color:#5D6FBC }
```

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



Here you see how a box with a 4 pixel #5D6FBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6FBC; -webkit-box-shadow:4px 4px  
4px 4px #5D6FBC; box-shadow:4px 4px 4px  
4px #5D6FBC }
```

Background

The CSS property to change the background color of an element to Hex 5D6FBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6FBC }
```

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

```
.background{ background-color:#5D6FBC }
```

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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