

Converting Colors

Hex(5B6DBC)

Have a look what the booklet for
Hex(5B6DBC) contains.

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Color

Hex(5B6DBC)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5B6DBC |
| RGB | 91, 109, 188 |
| RGB Percent | 36%, 43%, 74% |
| CMY | 0.6431, 0.5725, 0.2627 |
| CMYK | 0.52, 0.42, 0.00, 0.26 |
| HSL | 229°, 42%, 55% |
| HSV | 229°, 52%, 74% |
| XYZ | 18.8601, 16.7923, 49.8241 |
| YIQ | 112.6240, -36.0870, 20.7530 |

Conversions

Conversions Part 2

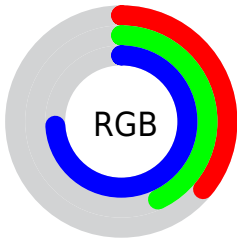
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 91, 106, 188 |
| Decimal | 5991868 |
| CIE _{Lab} | 48.00, 15.78, -43.78 |
| CIE _{LCh} | 48, 46.538, 289.826 |
| Yxy | 16.7923, 0.2206, 0.1965 |
| Android (android.graphics.Color) | 4284181948 (0xFF5B6DBC) |
| YUV | 112.6240, 37.1604, -18.9642 |
| Hunter-Lab | 40.9784, 10.4417, -43.4038 |

Details

The Hex color **5B6DBC** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BCAA5B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **93A0F5**, and **1F3E86** is the 20% darker color. If you saturate the color by 10%, you get **485EBC**, and if you desaturate by 10%, it is **6E7CBC**.

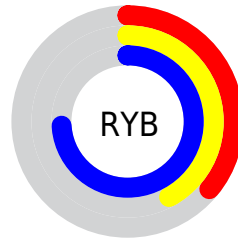
Distribution



Red (36%)

Green (43%)

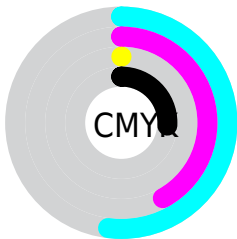
Blue (74%)



Red (36%)

Yellow (42%)

Blue (74%)

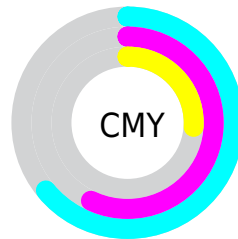


Cyan (52%)

Magenta (42%)

Yellow (0%)

Black (26%)



Cyan (64%)

Magenta (57%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B6DBC 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 5B6DBC by changing the saturation by 10% instead.

■ 5B6DBC

■ 5B6DBC

FFFFFF

■ 3F55A1

■ 93A0F5

■ 1F3E86

■ AFBBFF

■ 00296C

■ CCD7FF

■ 001554

■ E9F3FF

■ 00003C

■ 000225

■ 00010E

■ 000000

■ 5B6DBC

■ 5B6DBC

■ 485EBC

■ 6E7CBC

■ 354EBC

■ 818CBC

■ 233FBC

■ 939BBC

■ 1030BC

■ A6AABC

■ 0023BC

■ B9BABC

■ CCC9BC

■ DFD8BC

■ F1E7BC

■ FFF7BC

Harmonies

Analogous

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



007ABF



5B6DBC



955CA5

Triad

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



5B6DBC



AD5C37



008463

Complementary

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



5B6DBC



BCAA5B

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.



3E803D



5B6DBC



926B20

Square

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



5B6DBC



BA4F5A



6E7822



00858B

Rectangle

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



5B6DBC



AB538E



6E7822



008355

Sweetspot

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



5B6DBC



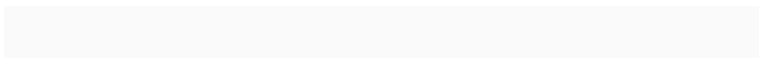
D0D7F5



5BBCA9



64687A



FAFAFA



7A7A7A

Same Dimension

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



5B6DBC



5D79F5



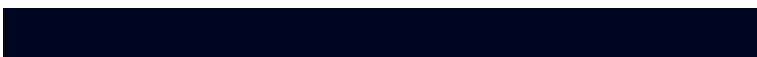
785BBC



55575E



001D9E



00061F

Inverse Universe

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



BC5B6D



F55D79



9FBC5B



5E5557



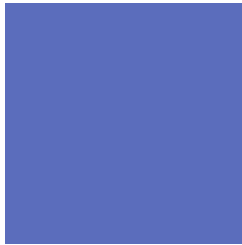
9E001D



1F0006

Previews

White Background



This preview shows how the Hex color 5B6DBC looks on a white background.

Color Contrast Check

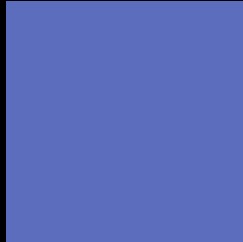
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5B6DBC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

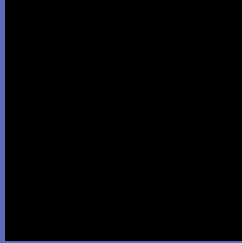
Any Text WCAG AA × Fail

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 5B6DBC Background



This preview shows how black text looks on a background with the Hex color 5B6DBC.

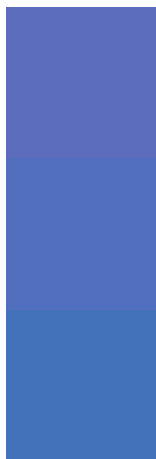


This preview shows how white text looks on a background with the Hex color 5B6DBC.

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
5B6DBC

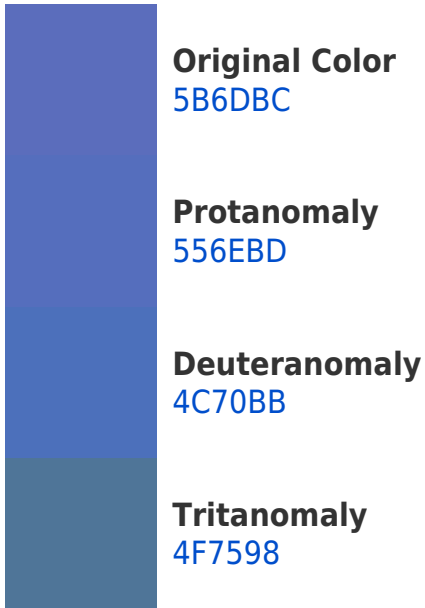
Protanopia
516FBE

Deuteranopia
4372BB



Tritanopia
487983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B6DBC 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 #5B6DBC looks like.

```
.text, #text, p{  
    color:#5B6DBC  
}
```

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 #5B6DBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6DBC  
}
```

Border

The CSS property to change the border of an element to Hex 5B6DBC is called "border". The border property can be set on classes, ids or directly on the HTML element.

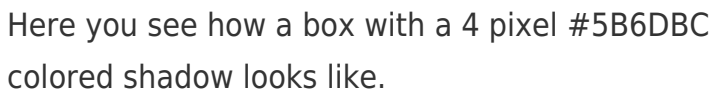
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5B6DBC }
```

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

```
.border{ border-color:#5B6DBC }
```

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



Here you see how a box with a 4 pixel #5B6DBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6DBC; -webkit-box-shadow:4px 4px  
4px 4px #5B6DBC; box-shadow:4px 4px 4px  
4px #5B6DBC }
```

Background

The CSS property to change the background color of an element to Hex 5B6DBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6DBC }
```

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

```
.background{ background-color:#5B6DBC }
```

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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