

Converting Colors

Hex(5851D2)

Have a look what the booklet for
Hex(5851D2) contains.

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Color

Hex(5851D2)

Conversions

Conversions Part 1

Format	Color
Hex	5851D2
RGB	88, 81, 210
RGB Percent	35%, 32%, 82%
CMY	0.6549, 0.6824, 0.1765
CMYK	0.58, 0.61, 0.00, 0.18
HSL	243°, 59%, 57%
HSV	243°, 61%, 82%
XYZ	18.5998, 12.6127, 62.4269
YIQ	97.7990, -37.2370, 41.6030

Conversions

Conversions Part 2

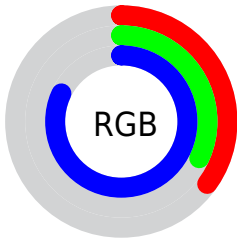
Format	Color
R_{YB}	88, 81, 210
Decimal	5788114
CIE _{Lab}	42.17, 39.54, -65.85
CIE _{LCh}	42, 76.808, 300.981
Yxy	12.6127, 0.1986, 0.1347
Android (android.graphics.Color)	4283978194 (0xFF5851D2)
YUV	97.7990, 55.3151, -8.5937
Hunter-Lab	35.5144, 31.3349, -79.3595

Details

The Hex color **5851D2** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **CBD251**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **9483FF**, and **00239A** is the 20% darker color. If you saturate the color by 10%, you get **443CD2**, and if you desaturate by 10%, it is **6C66D2**.

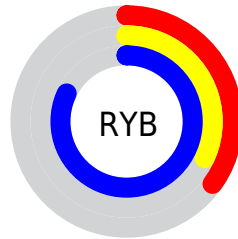
Distribution



Red (35%)

Green (32%)

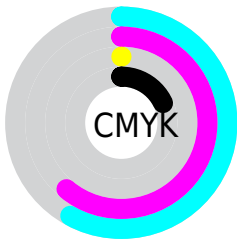
Blue (82%)



Red (35%)

Yellow (32%)

Blue (82%)

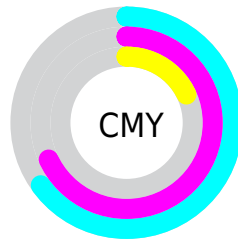


Cyan (58%)

Magenta (61%)

Yellow (0%)

Black (18%)



Cyan (65%)

Magenta (68%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5851D2 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 5851D2 by changing the saturation by 10% instead.

 5851D2

 5851D2

FFFFFF

 373AB6

 9483FF

 00239A

 B29DFF

 000F80

 CFB8FF


 000066

 EED4FF

 00054D

 FFF0FF

 000535

 00021F

 000002

 000000

■ 5851D2

■ 5851D2

■ 443CD2

■ 6C66D2

■ 3027D2

■ 807BD2

■ 1C12D2

■ 9490D2

■ 0B00D2

■ A7A5D2

■ BBBAD2

■ CFCFD2

■ E3E4D2

■ F7F9D2

■ FFFFD2

Harmonies

Analogous

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



006CE5



5851D2



AE20A2

Triad

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



5851D2



A84600



007D64

Complementary

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



5851D2



CBD251

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.



00791E



5851D2



786200

Square

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



5851D2



C70D27



357200



007DA4

Rectangle

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



5851D2



C7007A



357200



007C4E

Sweetspot

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



5851D2



D4D1FF



51CCD2



656380



000000



808080

Same Dimension

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



5851D2



4D42FF



9851D2



5F5E69



0900A8



020029

Inverse Universe

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



D251CB



FF42F5



8BD251



695E68



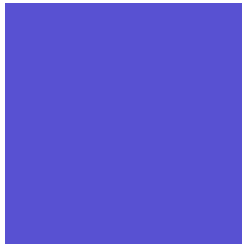
A8009F



290027

Previews

White Background



This preview shows how the Hex color 5851D2 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

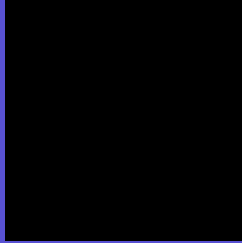
Any Text WCAG AA × Fail

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 5851D2 Background



This preview shows how black text looks on a background with the Hex color 5851D2.

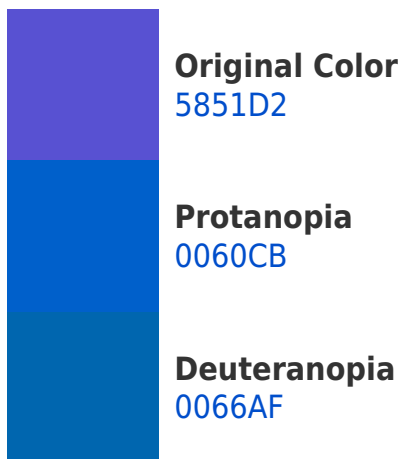



This preview shows how white text looks on a background with the Hex color 5851D2.

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](#).

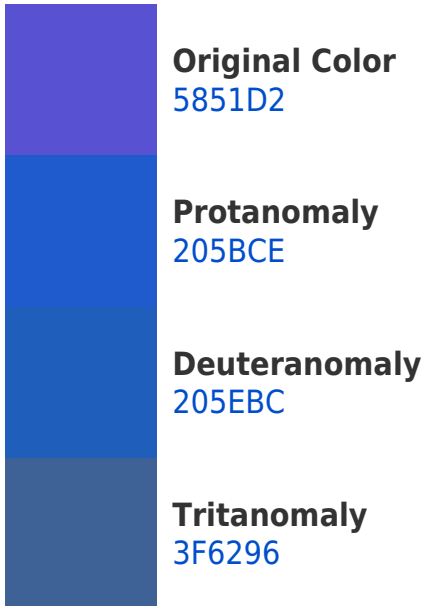
Dichromacy



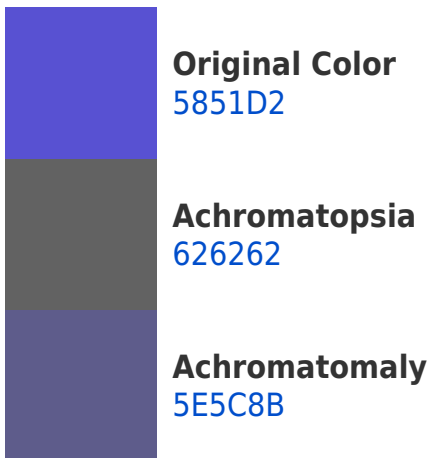


Tritanopia
316C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5851D2 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 #5851D2 looks like.

```
.text, #text, p{  
    color:#5851D2  
}
```

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 #5851D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5851D2
}
```

Border

The CSS property to change the border of an element to Hex 5851D2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

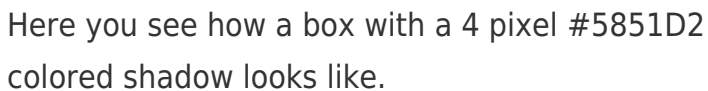
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5851D2 }
```

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

```
.border{ border-color:#5851D2 }
```

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



Here you see how a box with a 4 pixel #5851D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5851D2; -webkit-box-shadow:4px 4px  
4px 4px #5851D2; box-shadow:4px 4px 4px  
4px #5851D2 }
```

Background

The CSS property to change the background color of an element to Hex 5851D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5851D2 }
```

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

```
.background{ background-color:#5851D2 }
```

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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