

Converting Colors

Hex(5185D3)

Have a look what the booklet for
Hex(5185D3) contains.

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Color

Hex(5185D3)

Conversions

Conversions Part 1

Format	Color
Hex	5185D3
RGB	81, 133, 211
RGB Percent	32%, 52%, 83%
CMY	0.6824, 0.4784, 0.1725
CMYK	0.62, 0.37, 0.00, 0.17
HSL	216°, 60%, 57%
HSV	216°, 62%, 83%
XYZ	23.5387, 23.2275, 64.8708
YIQ	126.3440, -56.0300, 13.2340

Conversions

Conversions Part 2

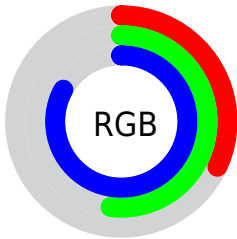
Format	Color
R _Y B	81, 118, 211
Decimal	5342675
CIE Lab	55.31, 6.64, -45.35
CIE LCh	55, 45.833, 278.328
Yxy	23.2275, 0.2109, 0.2081
Android (android.graphics.Color)	4283532755 (0xFF5185D3)
YUV	126.3440, 41.7354, -39.7667
Hunter-Lab	48.1950, 2.8394, -46.0683

Details

The Hex color **5185D3** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **D39F51**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **8CBAFF**, and **00549C** is the 20% darker color. If you saturate the color by 10%, you get **3C78D3**, and if you desaturate by 10%, it is **6692D3**.

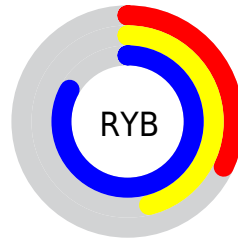
Distribution



Red (32%)

Green (52%)

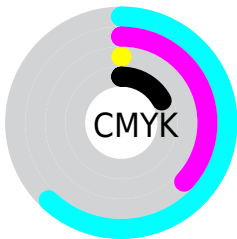
Blue (83%)



Red (32%)

Yellow (46%)

Blue (83%)

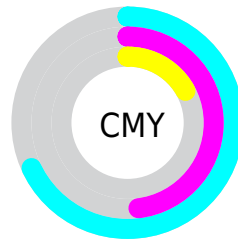


Cyan (62%)

Magenta (37%)

Yellow (0%)

Black (17%)



Cyan (68%)

Magenta (48%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5185D3 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 5185D3 by changing the saturation by 10% instead.

■ 5185D3

■ 5185D3

FFFFFF

■ 306CB7

■ 8CBAFF

■ 00549C

■ AAD5FF

■ 003D81

■ C7F2FF

■ 002868

■ E5FFFF

■ 00144F

■ 000538

■ 000221

■ 000007

■ 000000

■ 5185D3

■ 5185D3

■ 3C78D3

■ 6692D3

■ 276CD3

■ 7B9ED3

■ 125FD3

■ 90ABD3

■ 0054D3

■ A5B8D3

■ BBC4D3

■ D0D1D3

■ E5DED3

■ FAEAD3

■ FFF7D3

Harmonies

Analogous

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



0090CE



5185D3



9675C3

Triad

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



5185D3



C96955



269666

Complementary

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



5185D3



D39F51

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.



669043



5185D3



B3783A

Square

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



5185D3



CE627B



918632



00988F

Rectangle

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



5185D3



B36BAF



918632



419559

Sweetspot

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



5185D3



D1E3FF



51D39F



636F80



000000



808080

Same Dimension

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



5185D3



428EFF



5C51D3



5E6269



0043A8



001029

Inverse Universe

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



D35185



FF428E



C6D351



695E62



A80043



290010

Previews

White Background



This preview shows how the Hex color 5185D3 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 5185D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

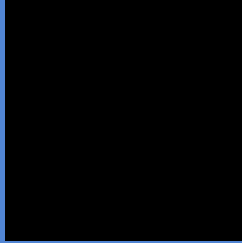
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

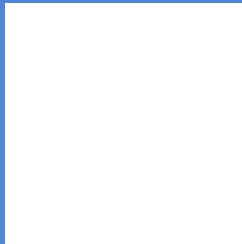
Any Text WCAG AAA × Fail

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

Hex 5185D3 Background



This preview shows how black text looks on a background with the Hex color 5185D3.

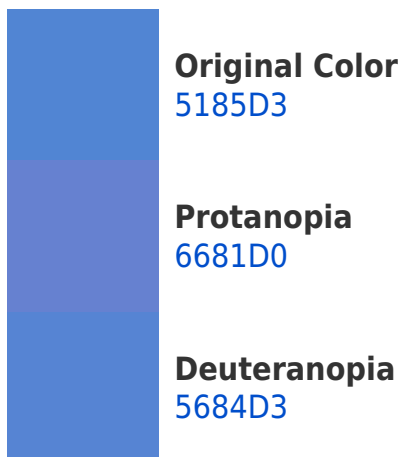


This preview shows how white text looks on a background with the Hex color 5185D3.

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](#).

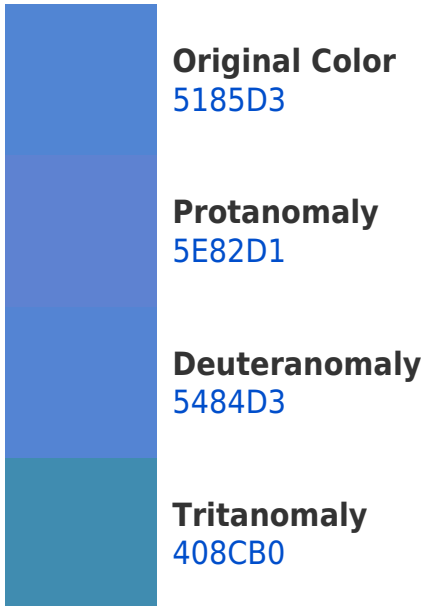
Dichromacy



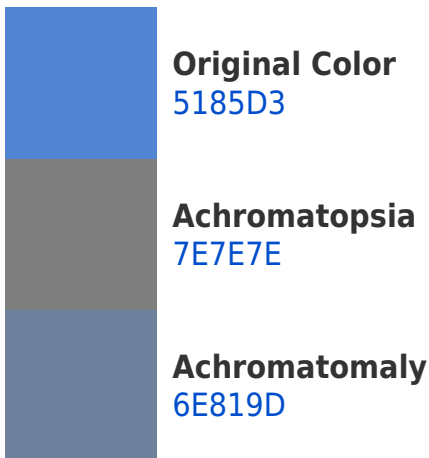


Tritanopia
36909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5185D3 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 #5185D3 looks like.

```
.text, #text, p{  
    color:#5185D3  
}
```

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 #5185D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5185D3
}
```

Border

The CSS property to change the border of an element to Hex 5185D3 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
#5185D3 }
```

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

```
.border{ border-color:#5185D3 }
```

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

Here you see how a box with a 4 pixel #5185D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5185D3; -webkit-box-shadow:4px 4px  
4px 4px #5185D3; box-shadow:4px 4px 4px  
4px #5185D3 }
```

Background

The CSS property to change the background color of an element to Hex 5185D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5185D3 }
```

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

```
.background{ background-color:#5185D3 }
```

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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