

# Converting Colors

Hex(5176D1)

Have a look what the booklet for  
Hex(5176D1) contains.

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# Color

**Hex(5176D1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5176D1
RGB	81, 118, 209
RGB Percent	32%, 46%, 82%
CMY	0.6824, 0.5373, 0.1804
CMYK	0.61, 0.44, 0.00, 0.18
HSL	223°, 58%, 57%
HSV	223°, 61%, 82%
XYZ	21.3804, 19.3096, 62.9219
YIQ	117.3110, -51.2630, 20.4570

# Conversions

## Conversions Part 2

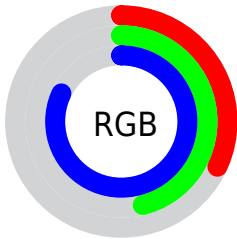
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 110, 209
Decimal	5338833
CIE <sub>Lab</sub>	51.05, 15.09, -50.99
CIE <sub>LCh</sub>	51, 53.174, 286.483
Yxy	19.3096, 0.2064, 0.1864
Android (android.graphics.Color)	4283528913 (0xFF5176D1)
YUV	117.3110, 45.2027, -31.8447
Hunter-Lab	43.9427, 9.9496, -54.1378

# Details

The Hex color **5176D1** 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 **D1AC51**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **8CAAFF**, and **00469A** is the 20% darker color. If you saturate the color by 10%, you get **3C67D1**, and if you desaturate by 10%, it is **6685D1**.

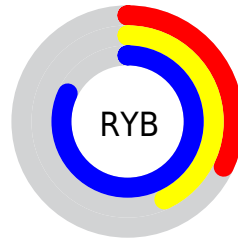
# Distribution



Red (32%)

Green (46%)

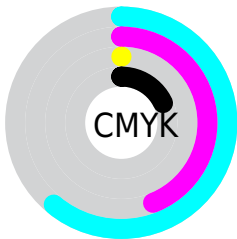
Blue (82%)



Red (32%)

Yellow (43%)

Blue (82%)

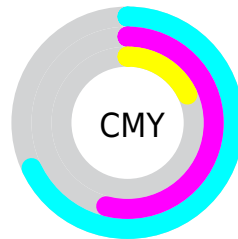


Cyan (61%)

Magenta (44%)

Yellow (0%)

Black (18%)



Cyan (68%)

Magenta (54%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5176D1 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 5176D1 by changing the saturation by 10% instead.



■ 5176D1

■ 5176D1

FFFFFF

■ 305EB5

■ 8CAAFF

■ 00469A

■ AAC5FF

■ 00317F

■ C7E1FF

■ 001D66

■ E5FDFF

■ 00024D

■ 000535

■ 00021F

■ 000003

■ 000000

■ 5176D1

■ 5176D1

■ 3C67D1

■ 6685D1

■ 2758D1

■ 7B94D1

■ 1249D1

■ 90A3D1

■ 003CD1

■ A5B1D1

■ BAC0D1

■ CECFD1

■ E3DED1

■ F8EDD1

■ FFFCD1

# Harmonies

## Analogous

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



0085D2



5176D1



9B62B9

# Triad

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



5176D1



BF5D39



008E63

# Complementary

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



5176D1



D1AC51

# 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.



438937



5176D1



A27019

# Square

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



5176D1



CC4F62



797F16



008F92

# Rectangle

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



5176D1



B8569F



797F16



008D53



# Sweetspot

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



5176D1



D1DEFF



51D1AB



636C80



000000



808080



# Same Dimension

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



5176D1



457BFF



6B51D1



5E6169



0031A8



000C29



# Inverse Universe

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



D15176



FF457B



B7D151



695E61



A80031



29000C



# Previews

## White Background



This preview shows how the Hex color 5176D1 looks on a white background.

## Color Contrast Check

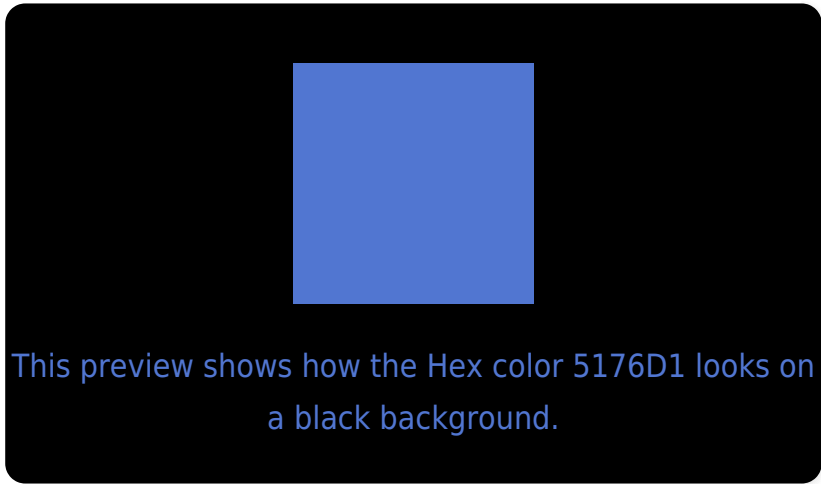
Large Text (above 18pt) WCAG AA ✓ Pass

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 5176D1 Background



This preview shows how black text looks on a background with the Hex color 5176D1.

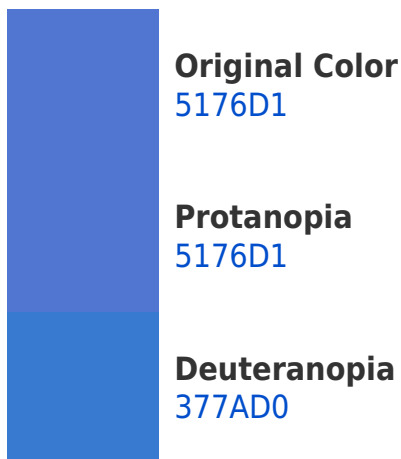


This preview shows how white text looks on a background with the Hex color 5176D1.

# 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](#).

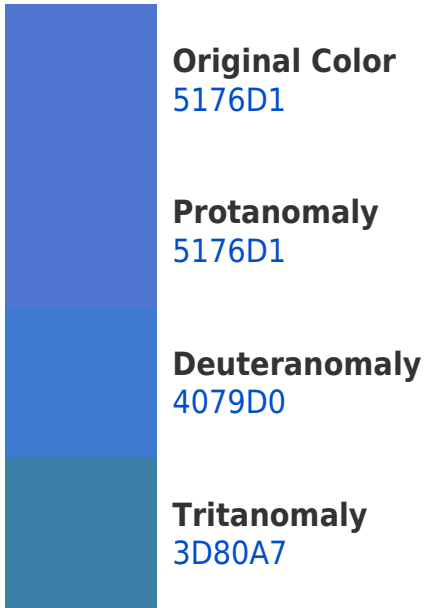
## Dichromacy





**Tritanopia**  
31858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5176D1 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 #5176D1 looks like.

```
.text, #text, p{  
    color:#5176D1  
}
```

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 #5176D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5176D1
}
```

## Border

The CSS property to change the border of an element to Hex 5176D1 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
#5176D1 }
```

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

```
.border{ border-color:#5176D1 }
```

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

Here you see how a box with a 4 pixel #5176D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5176D1; -webkit-box-shadow:4px 4px  
4px 4px #5176D1; box-shadow:4px 4px 4px  
4px #5176D1 }
```

# Background

The CSS property to change the background color of an element to Hex 5176D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5176D1 }
```

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

```
.background{ background-color:#5176D1 }
```

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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