

Converting Colors

Hex(5176C9)

Have a look what the booklet for
Hex(5176C9) contains.

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Color

Hex(5176C9)

Conversions

Conversions Part 1

Format	Color
Hex	5176C9
RGB	81, 118, 201
RGB Percent	32%, 46%, 79%
CMY	0.6824, 0.5373, 0.2118
CMYK	0.60, 0.41, 0.00, 0.21
HSL	222°, 53%, 55%
HSV	222°, 60%, 79%
XYZ	20.4144, 18.9232, 57.8349
YIQ	116.3990, -48.6950, 17.9690

Conversions

Conversions Part 2

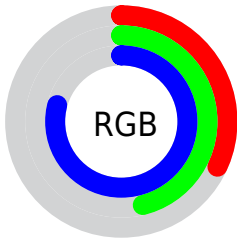
Format	Color
R_{YB}	81, 109, 201
Decimal	5338825
CIE _{Lab}	50.60, 12.38, -47.15
CIE _{LCh}	51, 48.747, 284.710
Yxy	18.9232, 0.2101, 0.1947
Android (android.graphics.Color)	4283528905 (0xFF5176C9)
YUV	116.3990, 41.7083, -31.0449
Hunter-Lab	43.5009, 7.6412, -48.3762

Details

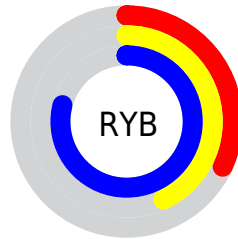
The Hex color **5176C9** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **C9A451**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8BAAFF**, and **004692** is the 20% darker color. If you saturate the color by 10%, you get **3D68C9**, and if you desaturate by 10%, it is **6584C9**.

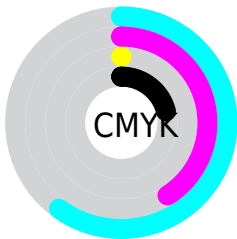
Distribution



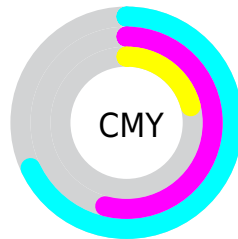
- Red (32%)
- Green (46%)
- Blue (79%)



- Red (32%)
- Yellow (43%)
- Blue (79%)



- Cyan (60%)
- Magenta (41%)
- Yellow (0%)
- Black (21%)



- Cyan (68%)
- Magenta (54%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5176C9 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 5176C9 by changing the saturation by 10% instead.

■ 5176C9

■ 5176C9

FFFFFF

■ 315EAD

■ 8BAAFF

■ 004692

■ A8C5FF

■ 003178

■ C5E1FF

■ 001D5F

■ E3FDFF

■ 000147

■ 00042F

■ 00011A

■ 000000

■ 5176C9

■ 5176C9

■ 3D68C9

■ 6584C9

■ 295AC9

■ 7992C9

■ 154CC9

■ 8DA0C9

■ 013EC9

■ A1AEC9

■ 003EC9

■ B6BCC9

■ CAC9C9

■ DED7C9

■ F2E5C9

■ FFF3C9

Harmonies

Analogous

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



0083C8



5176C9



9565B4

Triad

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



5176C9



BB5E40



008B61

Complementary

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



5176C9



C9A451

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.



4C863A



5176C9



A06F24

Square

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



5176C9



C55366



7B7D20



008D8C

Rectangle

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



5176C9



B05A9D



7B7D20



128A53

Sweetspot

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



5176C9



D1DFFF



51C9A3



636C80



000000



808080

Same Dimension

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



5176C9



4780FF



6751C9



5A5D63



0032A3



000B24

Inverse Universe

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



C95176



FF4780



B3C951



635A5D



A30032



24000B

Previews

White Background



This preview shows how the Hex color 5176C9 looks on a white background.

Color Contrast Check

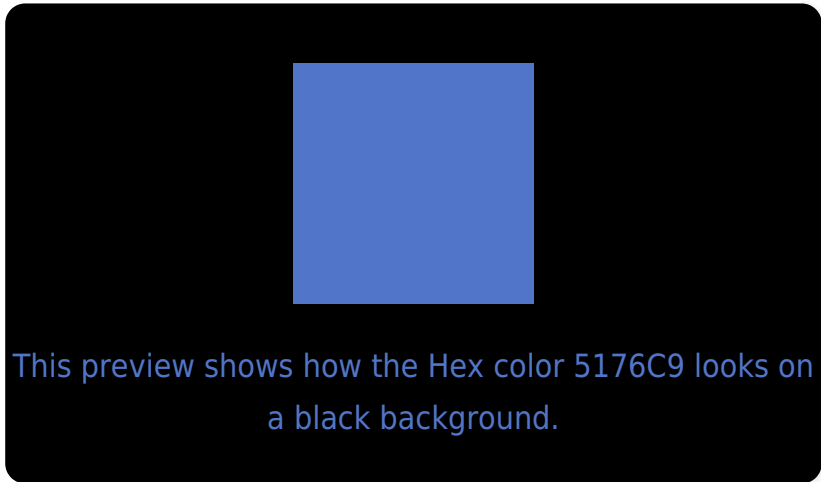
Large Text (above 18pt) WCAG AA ✓ Pass

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 5176C9 Background



This preview shows how black text looks on a background with the Hex color 5176C9.

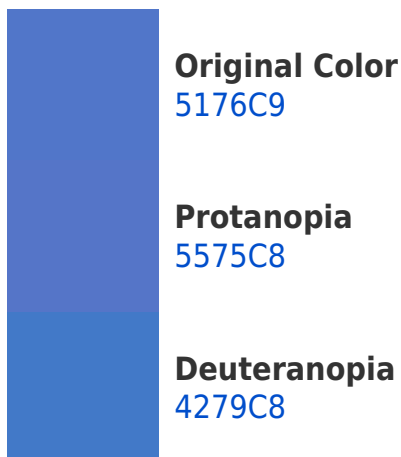


This preview shows how white text looks on a background with the Hex color 5176C9.

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](#).

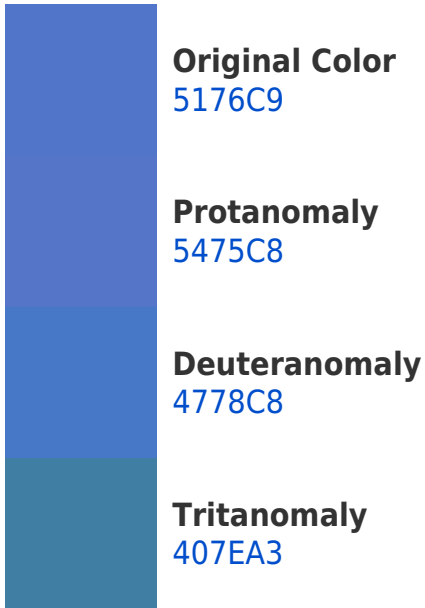
Dichromacy





Tritanopia
36838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5176C9 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 #5176C9 looks like.

```
.text, #text, p{  
    color:#5176C9  
}
```

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 #5176C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5176C9
}
```

Border

The CSS property to change the border of an element to Hex 5176C9 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
#5176C9 }
```

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

```
.border{ border-color:#5176C9 }
```

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

Here you see how a box with a 4 pixel #5176C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5176C9; -webkit-box-shadow:4px 4px  
4px 4px #5176C9; box-shadow:4px 4px 4px  
4px #5176C9 }
```

Background

The CSS property to change the background color of an element to Hex 5176C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5176C9 }
```

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

```
.background{ background-color:#5176C9 }
```

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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