

Converting Colors

Hex(4176C7)

Have a look what the booklet for
Hex(4176C7) contains.

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Color

Hex(4176C7)

Conversions

Conversions Part 1

Format	Color
Hex	4176C7
RGB	65, 118, 199
RGB Percent	25%, 46%, 78%
CMY	0.7451, 0.5373, 0.2196
CMYK	0.67, 0.41, 0.00, 0.22
HSL	216°, 54%, 52%
HSV	216°, 67%, 78%
XYZ	18.9672, 18.2042, 56.5469
YIQ	111.3870, -57.5890, 13.9550

Conversions

Conversions Part 2

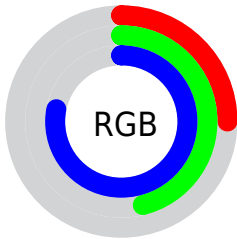
Format	Color
R _{YB}	65, 103, 199
Decimal	4290247
CIE Lab	49.74, 8.81, -47.41
CIE LCh	50, 48.223, 280.528
Yxy	18.2042, 0.2024, 0.1942
Android (android.graphics.Color)	4282480327 (0xFF4176C7)
YUV	111.3870, 43.1932, -40.6814
Hunter-Lab	42.6664, 4.6854, -48.7122

Details

The Hex color **4176C7** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **C79241**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **7EAAFF**, and **004690** is the 20% darker color. If you saturate the color by 10%, you get **2D6AC7**, and if you desaturate by 10%, it is **5582C7**.

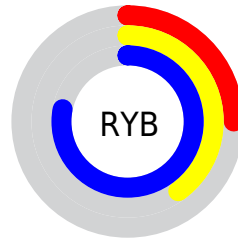
Distribution



Red (25%)

Green (46%)

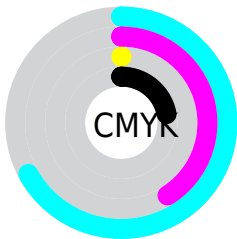
Blue (78%)



Red (25%)

Yellow (40%)

Blue (78%)

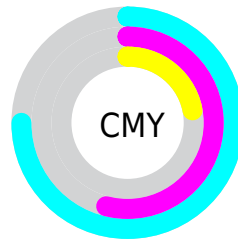


Cyan (67%)

Magenta (41%)

Yellow (0%)

Black (22%)



Cyan (75%)

Magenta (54%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4176C7 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 4176C7 by changing the saturation by 10% instead.

■ 4176C7

■ 4176C7

FFFFFF

■ 195EAB

■ 7EAAFF

■ 004690

■ 9BC5FF

■ 003176

■ B9E1FF

■ 001D5D

■ D6FDFF

■ 000245

■ F4FFFF

■ 00042E

■ 000118

■ 000000

■ 4176C7

■ 4176C7

■ 2D6AC7

■ 5582C7

■ 195EC7

■ 698EC7

■ 0552C7

■ 7D9AC7

■ 004FC7

■ 91A6C7

■ A5B2C7

■ B8BEC7

■ CCCAC7

■ E0D6C7

■ F4E2C7

Harmonies

Analogous

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



0082C3



4176C7



8B65B5

Triad

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



4176C7



BA5A43



008859

Complementary

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



4176C7



C79241

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.



528334



4176C7



A26A26

Square

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



4176C7



C15169



7F791E



008A84

Rectangle

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



4176C7



A85A9F



7F791E



24874C

Sweetspot

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



4176C7



CCE0FF



41C791



616D80



000000



808080

Same Dimension

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



4176C7



3082FF



4E41C7



5A5D63



0041A3



000E24

Inverse Universe

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



C74176



FF3082



BAC741



635A5D



A30041



24000E

Previews

White Background



This preview shows how the Hex color 4176C7 looks on a white background.

Color Contrast Check

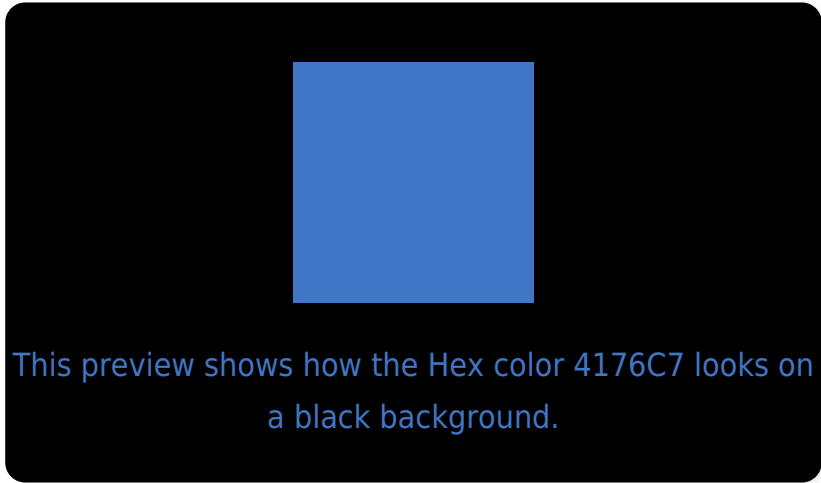
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

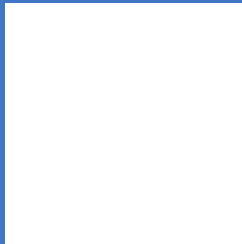
Any Text WCAG AAA × Fail

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

Hex 4176C7 Background



This preview shows how black text looks on a background with the Hex color 4176C7.

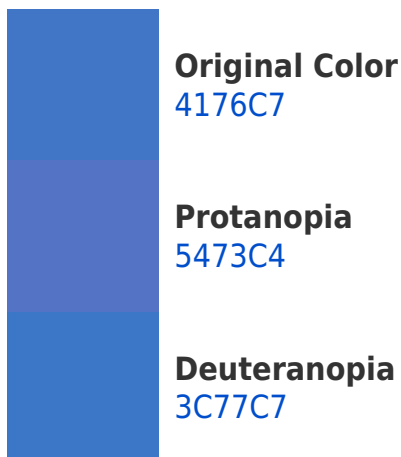


This preview shows how white text looks on a background with the Hex color 4176C7.

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](#).

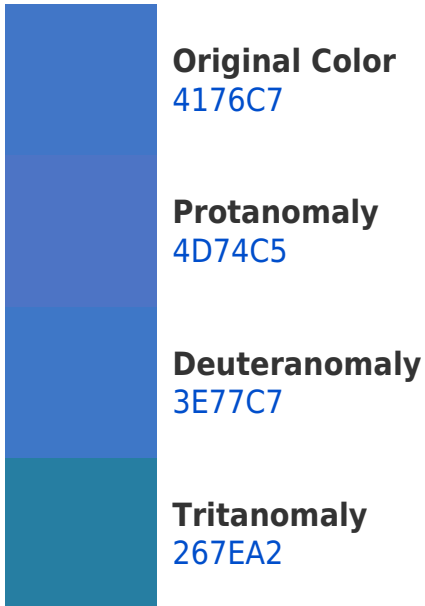
Dichromacy



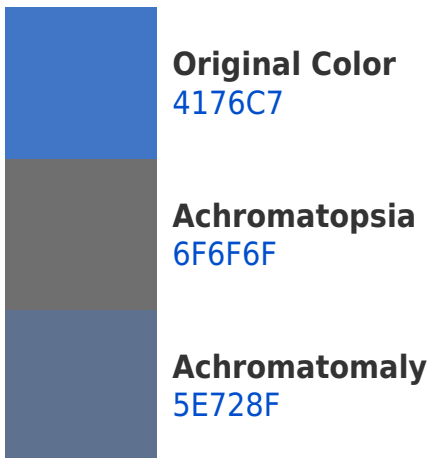


Tritanopia
16828D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4176C7 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 #4176C7 looks like.

```
.text, #text, p{  
    color:#4176C7  
}
```

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 #4176C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4176C7
}
```

Border

The CSS property to change the border of an element to Hex 4176C7 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
#4176C7 }
```

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

```
.border{ border-color:#4176C7 }
```

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

Here you see how a box with a 4 pixel #4176C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4176C7; -webkit-box-shadow:4px 4px  
4px 4px #4176C7; box-shadow:4px 4px 4px  
4px #4176C7 }
```

Background

The CSS property to change the background color of an element to Hex 4176C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4176C7 }
```

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

```
.background{ background-color:#4176C7 }
```

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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