

Converting Colors

Hex(4177B9)

Have a look what the booklet for
Hex(4177B9) contains.

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Color

Hex(4177B9)

Conversions

Conversions Part 1

Format	Color
Hex	4177B9
RGB	65, 119, 185
RGB Percent	25%, 47%, 73%
CMY	0.7451, 0.5333, 0.2745
CMYK	0.65, 0.36, 0.00, 0.27
HSL	213°, 48%, 49%
HSV	213°, 65%, 73%
XYZ	17.5338, 17.8203, 48.4145
YIQ	110.3780, -53.3700, 9.0780

Conversions

Conversions Part 2

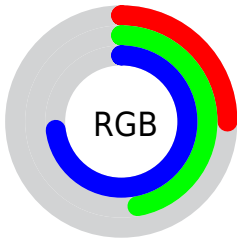
Format	Color
R _{YB}	65, 102, 185
Decimal	4290489
CIE Lab	49.28, 3.26, -40.10
CIE LCh	49, 40.237, 274.652
Yxy	17.8203, 0.2093, 0.2127
Android (android.graphics.Color)	4282480569 (0xFF4177B9)
YUV	110.3780, 36.7886, -39.7965
Hunter-Lab	42.2140, 0.2661, -38.4487

Details

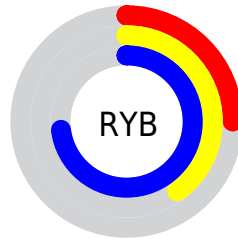
The Hex color **4177B9** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B98341**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **7CABF1**, and **004783** is the 20% darker color. If you saturate the color by 10%, you get **2F6DB9**, and if you desaturate by 10%, it is **5381B9**.

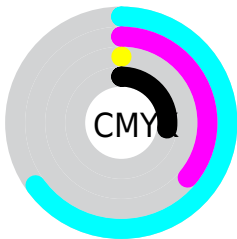
Distribution



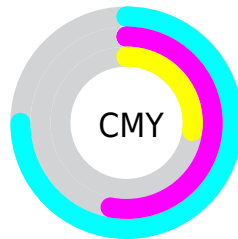
- Red (25%)
- Green (47%)
- Blue (73%)



- Red (25%)
- Yellow (40%)
- Blue (73%)



- Cyan (65%)
- Magenta (36%)
- Yellow (0%)
- Black (27%)



- Cyan (75%)
- Magenta (53%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4177B9 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 4177B9 by changing the saturation by 10% instead.

■ 4177B9

■ 4177B9

FFFFFF

■ 1D5F9E

■ 7CABF1

■ 004783

■ 99C6FF

■ 00316A

■ B5E2FF

■ 001D51

■ D3FFFF

■ 00053A

■ F0FFFF

■ 000223

■ 00000B

■ 000000

■ 4177B9

■ 4177B9

■ 2F6DB9

■ 5381B9

■ 1C63B9

■ 668BB9

■ 0958B9

■ 7996B9

■ 0053B9

■ 8BA0B9

■ 9DAAB9

■ B0B4B9

■ C3BEB9

■ D5C8B9

■ E7D3B9

Harmonies

Analogous

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



0080B2



4177B9



7E6AAD

Triad

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



4177B9



B25D50



308457

Complementary

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



4177B9



B98341

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.



607E3B



4177B9



A06937

Square

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



4177B9



B45871



84752E



00867A

Rectangle

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



4177B9



99619D



84752E



43834C

Sweetspot

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



4177B9



C2D7F0



41B983



5C6978



F7F7F7



787878

Same Dimension

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



4177B9



3589F0



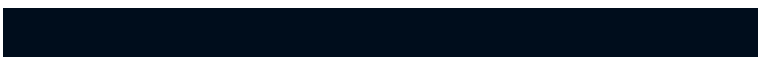
4741B9



53575C



00469C



000D1C

Inverse Universe

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



B94177



F03589



B3B941



5C5357



9C0046



1C000D

Previews

White Background



This preview shows how the Hex color 4177B9 looks on a white background.

Color Contrast Check

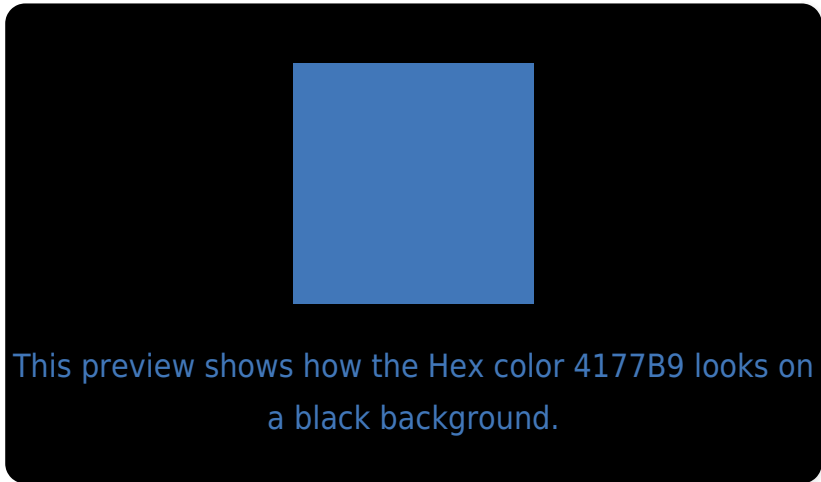
Large Text (above 18pt) WCAG AA ✓ Pass

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

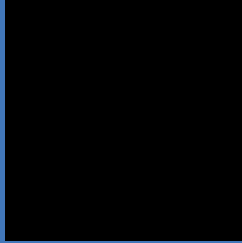
Any Text WCAG AA ✓ Pass

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 4177B9 Background



This preview shows how black text looks on a background with the Hex color 4177B9.

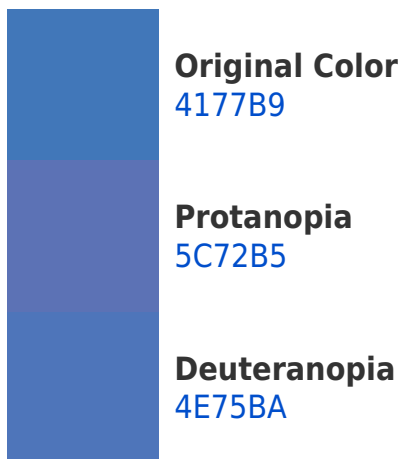


This preview shows how white text looks on a background with the Hex color 4177B9.

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](#).

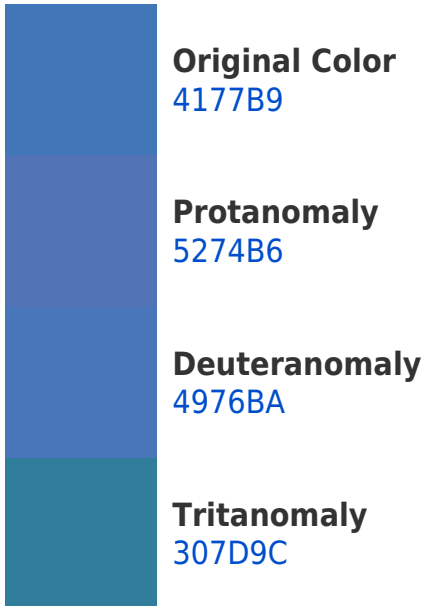
Dichromacy



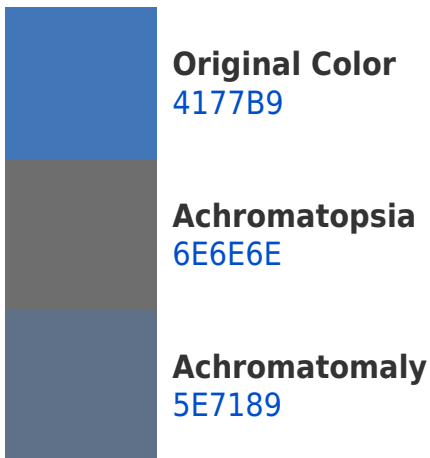


Tritanopia
27808B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4177B9 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 #4177B9 looks like.

```
.text, #text, p{  
    color:#4177B9  
}
```

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 #4177B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4177B9
}
```

Border

The CSS property to change the border of an element to Hex 4177B9 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
#4177B9 }
```

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

```
.border{ border-color:#4177B9 }
```

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

Here you see how a box with a 4 pixel #4177B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4177B9; -webkit-box-shadow:4px 4px  
4px 4px #4177B9; box-shadow:4px 4px 4px  
4px #4177B9 }
```

Background

The CSS property to change the background color of an element to Hex 4177B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4177B9 }
```

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

```
.background{ background-color:#4177B9 }
```

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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