

Converting Colors

Hex(4179BE)

Have a look what the booklet for
Hex(4179BE) contains.

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Color

Hex(4179BE)

Conversions

Conversions Part 1

Format	Color
Hex	4179BE
RGB	65, 121, 190
RGB Percent	25%, 47%, 75%
CMY	0.7451, 0.5255, 0.2549
CMYK	0.66, 0.36, 0.00, 0.25
HSL	213°, 49%, 50%
HSV	213°, 66%, 75%
XYZ	18.3116, 18.5163, 51.3241
YIQ	112.1220, -55.5250, 9.5870

Conversions

Conversions Part 2

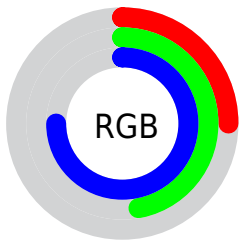
Format	Color
R _{YB}	65, 104, 190
Decimal	4291006
CIE Lab	50.12, 3.79, -41.66
CIE LCh	50, 41.829, 275.205
Yxy	18.5163, 0.2077, 0.2100
Android (android.graphics.Color)	4282481086 (0xFF4179BE)
YUV	112.1220, 38.3939, -41.3260
Hunter-Lab	43.0305, 0.6571, -40.5960

Details

The Hex color **4179BE** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BE8641**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7DADF7**, and **004988** is the 20% darker color. If you saturate the color by 10%, you get **2E6FBE**, and if you desaturate by 10%, it is **5483BE**.

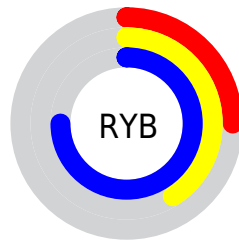
Distribution



Red (25%)

Green (47%)

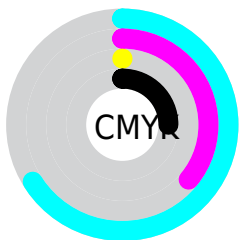
Blue (75%)



Red (25%)

Yellow (41%)

Blue (75%)

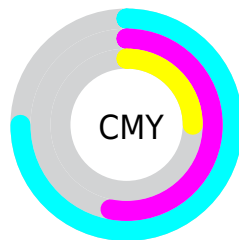


Cyan (66%)

Magenta (36%)

Yellow (0%)

Black (25%)



Cyan (75%)

Magenta (53%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4179BE 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 4179BE by changing the saturation by 10% instead.

■ 4179BE

■ 4179BE

FFFFFF

■ 1C60A3

■ 7DADF7

■ 004988

■ 9AC8FF

■ 00336E

■ B7E4FF

■ 001F56

■ D4FFFF

■ 00043E

■ F2FFFF

■ 000327

■ 000111

■ 000000

■ 4179BE

■ 4179BE

■ 2E6FBE

■ 5483BE

■ 1B64BE

■ 678EBE

■ 085ABE

■ 7A98BE

■ 0055BE

■ 8DA3BE

■ A0ADBE

■ B3B8BE

■ C6C2BE

■ D9CDBE

■ ECD7BE

Harmonies

Analogous

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



0083B7



4179BE



826BB2

Triad

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



4179BE



B65E50



2D8758

Complementary

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



4179BE



BE8641

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.



61813A



4179BE



A36B36

Square

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



4179BE



B95872



86772D



00897D

Rectangle

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



4179BE



9E62A0



86772D



41854D

Sweetspot

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



4179BE



C6DCF7



41BE86



5F6C7D



FCFCFC



7D7D7D

Same Dimension

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



4179BE



348BF7



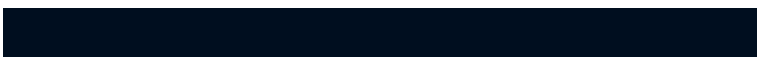
4741BE



55595E



00479E



000E1F

Inverse Universe

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



BE4179



F7348B



B8BE41



5E5559



9E0047



1F000E

Previews

White Background



This preview shows how the Hex color 4179BE looks on a white background.

Color Contrast Check

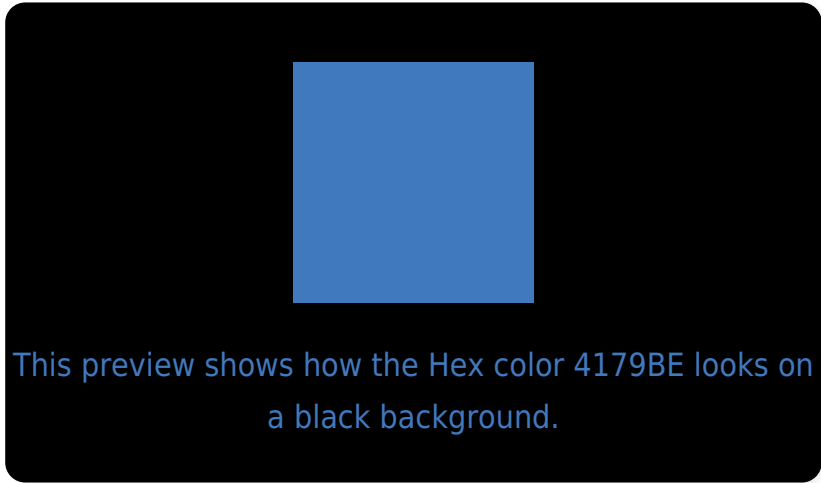
Large Text (above 18pt) WCAG AA ✓ Pass

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

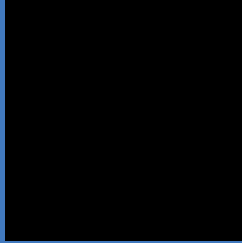
Any Text WCAG AA ✓ Pass

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 4179BE Background



This preview shows how black text looks on a background with the Hex color 4179BE.

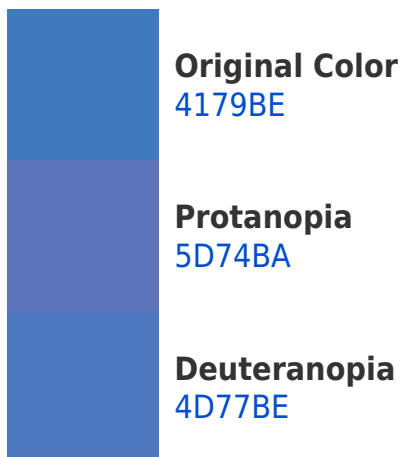


This preview shows how white text looks on a background with the Hex color 4179BE.

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](#).

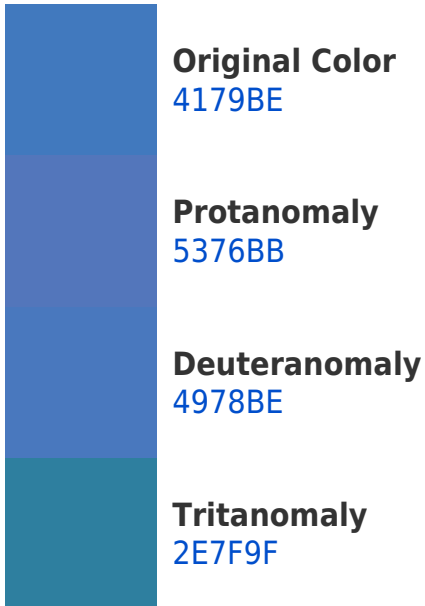
Dichromacy



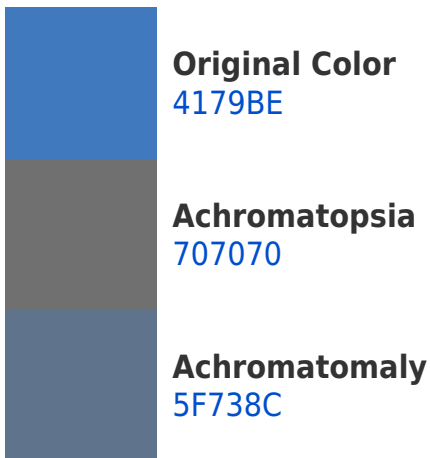


Tritanopia
23838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4179BE 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 #4179BE looks like.

```
.text, #text, p{  
    color:#4179BE  
}
```

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 #4179BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4179BE
}
```

Border

The CSS property to change the border of an element to Hex 4179BE 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
#4179BE }
```

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

```
.border{ border-color:#4179BE }
```

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

Here you see how a box with a 4 pixel #4179BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4179BE; -webkit-box-shadow:4px 4px  
4px 4px #4179BE; box-shadow:4px 4px 4px  
4px #4179BE }
```

Background

The CSS property to change the background color of an element to Hex 4179BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4179BE }
```

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

```
.background{ background-color:#4179BE }
```

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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