

Converting Colors

Hex(4174BF)

Have a look what the booklet for
Hex(4174BF) contains.

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Color

Hex(4174BF)

Conversions

Conversions Part 1

Format	Color
Hex	4174BF
RGB	65, 116, 191
RGB Percent	25%, 45%, 75%
CMY	0.7451, 0.5451, 0.2510
CMYK	0.66, 0.39, 0.00, 0.25
HSL	216°, 50%, 50%
HSV	216°, 66%, 75%
XYZ	17.8293, 17.3762, 51.7044
YIQ	109.3010, -54.4710, 12.5130

Conversions

Conversions Part 2

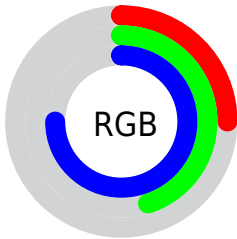
Format	Color
R _Y B	65, 101, 191
Decimal	4289727
CIE Lab	48.73, 7.21, -44.43
CIE LCh	49, 45.011, 279.218
Yxy	17.3762, 0.2051, 0.1999
Android (android.graphics.Color)	4282479807 (0xFF4174BF)
YUV	109.3010, 40.2776, -38.8520
Hunter-Lab	41.6848, 3.3994, -44.3621

Details

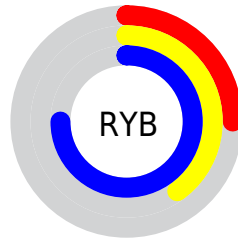
The Hex color **4174BF** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BF8C41**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7DA8F8**, and **004589** is the 20% darker color. If you saturate the color by 10%, you get **2E69BF**, and if you desaturate by 10%, it is **547FBF**.

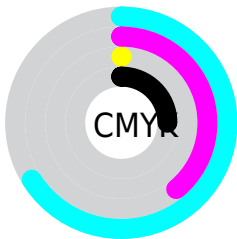
Distribution



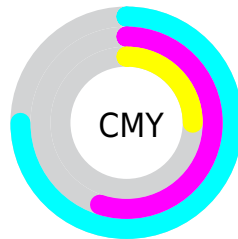
- Red (25%)
- Green (45%)
- Blue (75%)



- Red (25%)
- Yellow (40%)
- Blue (75%)



- Cyan (66%)
- Magenta (39%)
- Yellow (0%)
- Black (25%)



- Cyan (75%)
- Magenta (55%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4174BF 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 4174BF by changing the saturation by 10% instead.

■ 4174BF

■ 4174BF

FFFFFF

■ 1B5CA4

■ 7DA8F8

■ 004589

■ 9AC3FF

■ 002F6F

■ B7DEFF

■ 001B56

■ D4FBFF

■ 00053F

■ F2FFFF

■ 000328

■ 000111

■ 000000

■ 4174BF

■ 4174BF

■ 2E69BF

■ 547FBF

■ 1B5DBF

■ 678BBF

■ 0852BF

■ 7A96BF

■ 004DBF

■ 8DA1BF

■ A1ADBf

■ B4B8BF

■ C7C4BF

■ DACFBF

■ EDDABF

Harmonies

Analogous

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



007FBB



4174BF



8565AF

Triad

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



4174BF



B45A45



048557

Complementary

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



4174BF



BF8C41

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.



557F35



4174BF



9E682B

Square

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



4174BF



BA5169



7E7623



00867F

Rectangle

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



4174BF



A15B9B



7E7623



2E834B

Sweetspot

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



4174BF



C6DAF7



41BF8B



5F6B7D



FCFCFC



7D7D7D

Same Dimension

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



4174BF



3483F7



4C41BF



55595E



00409E



000C1F

Inverse Universe

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



BF4174



F73483



B5BF41



5E5559



9E0040



1F000C

Previews

White Background



This preview shows how the Hex color 4174BF looks on a white background.

Color Contrast Check

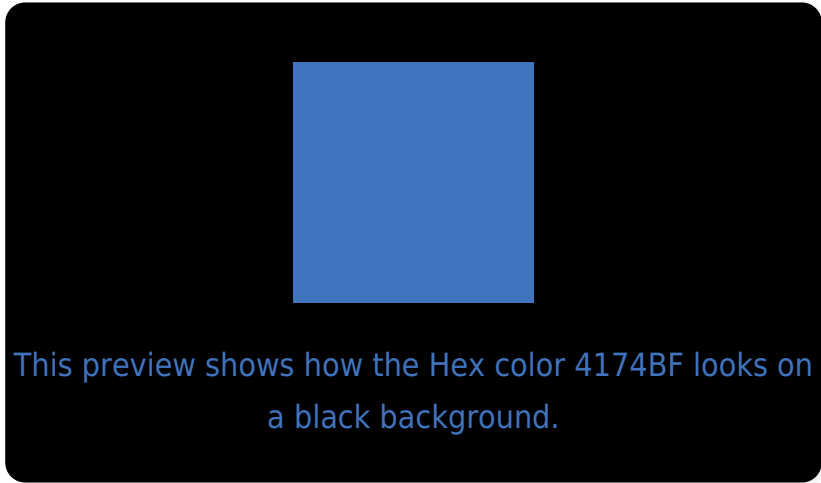
Large Text (above 18pt) WCAG AA ✓ Pass

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

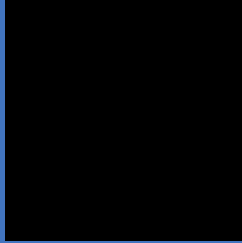
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

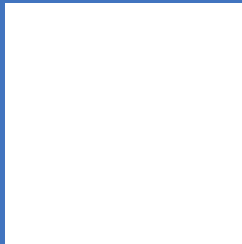
Any Text WCAG AAA × Fail

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

Hex 4174BF Background



This preview shows how black text looks on a background with the Hex color 4174BF.



This preview shows how white text looks on a background with the Hex color 4174BF.

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](#).

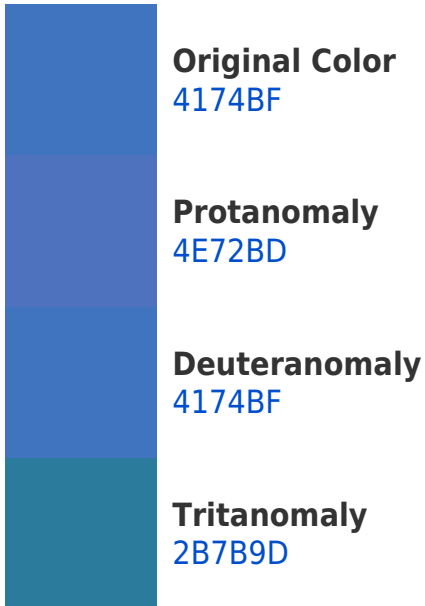
Dichromacy



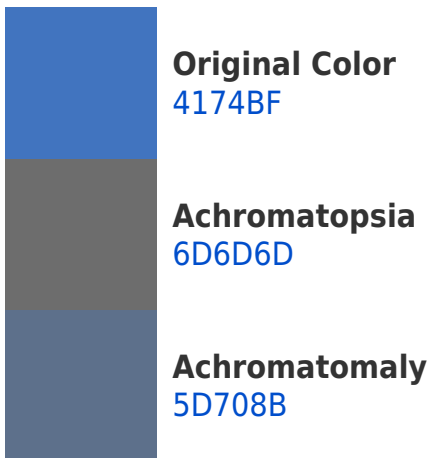


Tritanopia
1F7F8A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4174BF 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 #4174BF looks like.

```
.text, #text, p{  
    color:#4174BF  
}
```

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 #4174BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4174BF
}
```

Border

The CSS property to change the border of an element to Hex 4174BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

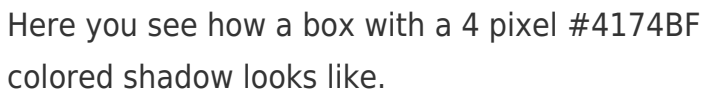
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4174BF }
```

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

```
.border{ border-color:#4174BF }
```

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



Here you see how a box with a 4 pixel #4174BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4174BF; -webkit-box-shadow:4px 4px  
4px 4px #4174BF; box-shadow:4px 4px 4px  
4px #4174BF }
```

Background

The CSS property to change the background color of an element to Hex 4174BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4174BF }
```

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

```
.background{ background-color:#4174BF }
```

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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