

Converting Colors

Hex(4C73B8)

Have a look what the booklet for
Hex(4C73B8) contains.

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Color

Hex(4C73B8)

Conversions

Conversions Part 1

Format	Color
Hex	4C73B8
RGB	76, 115, 184
RGB Percent	30%, 45%, 72%
CMY	0.7020, 0.5490, 0.2784
CMYK	0.59, 0.38, 0.00, 0.28
HSL	218°, 43%, 51%
HSV	218°, 59%, 72%
XYZ	17.7630, 17.2587, 47.7424
YIQ	111.2050, -45.3930, 13.1910

Conversions

Conversions Part 2

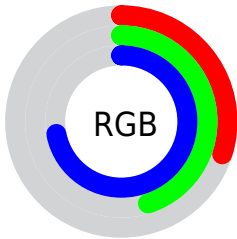
Format	Color
R _Y B	76, 105, 184
Decimal	5010360
CIE Lab	48.58, 7.49, -40.59
CIE LCh	49, 41.274, 280.449
Yxy	17.2587, 0.2146, 0.2085
Android (android.graphics.Color)	4283200440 (0xFF4C73B8)
YUV	111.2050, 35.8879, -30.8748
Hunter-Lab	41.5435, 3.6208, -39.0565

Details

The Hex color **4C73B8** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B8914C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **85A7F0**, and **004482** is the 20% darker color. If you saturate the color by 10%, you get **3A67B8**, and if you desaturate by 10%, it is **5E7FB8**.

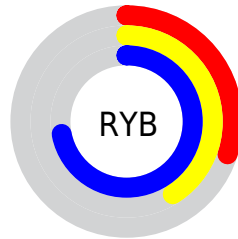
Distribution



Red (30%)

Green (45%)

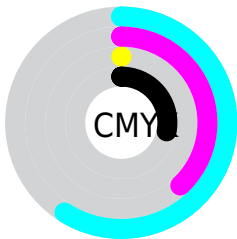
Blue (72%)



Red (30%)

Yellow (41%)

Blue (72%)

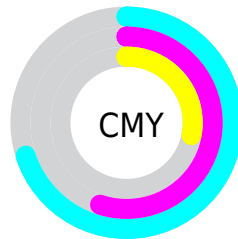


Cyan (59%)

Magenta (38%)

Yellow (0%)

Black (28%)



Cyan (70%)

Magenta (55%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C73B8 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 4C73B8 by changing the saturation by 10% instead.

■ 4C73B8

FFFFFF

■ 85A7F0

■ A1C2FF

■ BEDDFF

■ DBFAFF

■ F8FFFF

■ 4C73B8

■ 4C73B8

■ 2D5B9D

■ 004482

■ 002E69

■ 001A50

■ 000439

■ 000223

■ 000009

■ 000000

■ 4C73B8

■ 3A67B8

■ 5E7FB8

■ 275BB8

■ 718BB8

■ 1550B8

■ 8396B8

■ 0244B8

■ 96A2B8

■ 0042B8

■ A8AEB8

■ BABAB8

■ CDC5B8

■ DFD1B8

■ F2DDB8

Harmonies

Analogous

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



007DB5



4C73B8



8665A9

Triad

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



4C73B8



AF5C48



1A835B

Complementary

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



4C73B8



B8914C

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.



567E3C



4C73B8



9A6930

Square

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



4C73B8



B45568



7C752B



00857F

Rectangle

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



4C73B8



9F5C96



7C752B



348250

Sweetspot

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



4C73B8



C5D4F0



4CB890



5D6778



F7F7F7



787878

Same Dimension

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



4C73B8



4885F0



5A4CB8



53565C



00389C



000A1C

Inverse Universe

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



B84C73



F04885



AAB84C



5C5356



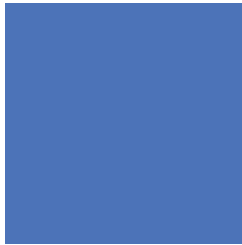
9C0038



1C000A

Previews

White Background



This preview shows how the Hex color 4C73B8 looks on a white background.

Color Contrast Check

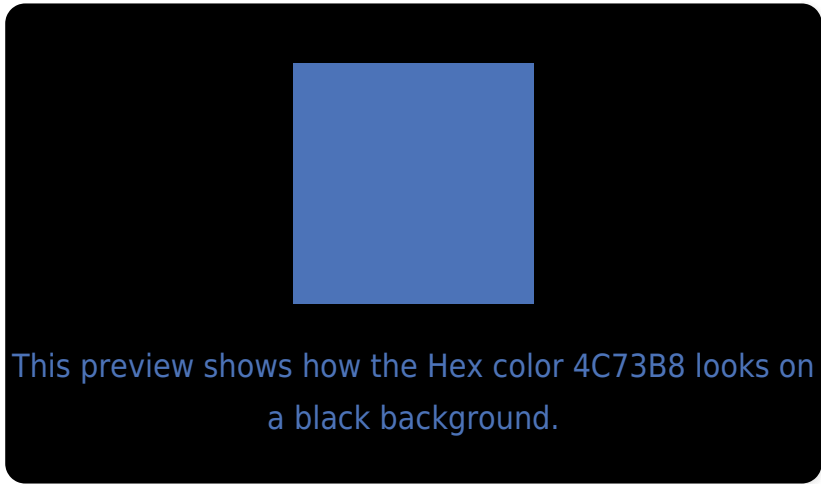
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C73B8 Background



This preview shows how black text looks on a background with the Hex color 4C73B8.

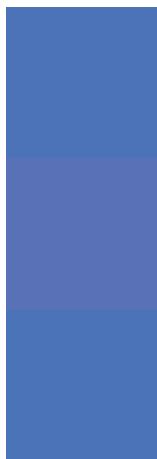


This preview shows how white text looks on a background with the Hex color 4C73B8.

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



Original Color
4C73B8

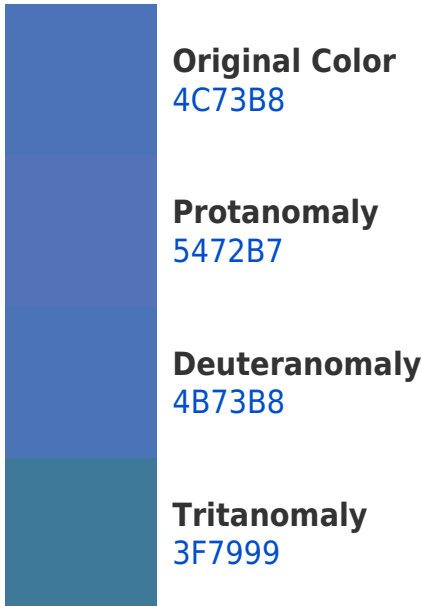
Protanopia
5971B6

Deuteranopia
4B73B8

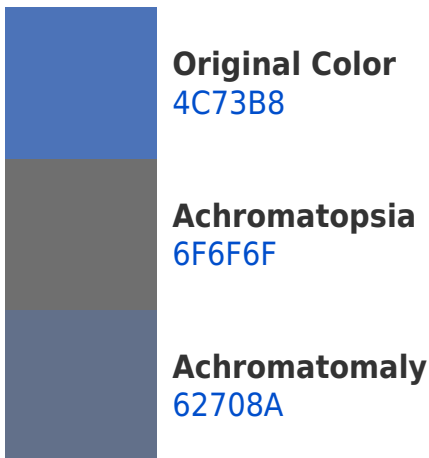


Tritanopia
377D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C73B8 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 #4C73B8 looks like.

```
.text, #text, p{  
    color:#4C73B8  
}
```

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 #4C73B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C73B8
}
```

Border

The CSS property to change the border of an element to Hex 4C73B8 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
#4C73B8 }
```

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

```
.border{ border-color:#4C73B8 }
```

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

Here you see how a box with a 4 pixel #4C73B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C73B8; -webkit-box-shadow:4px 4px  
4px 4px #4C73B8; box-shadow:4px 4px 4px  
4px #4C73B8 }
```

Background

The CSS property to change the background color of an element to Hex 4C73B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C73B8 }
```

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

```
.background{ background-color:#4C73B8 }
```

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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