

Converting Colors

Hex(4C75C5)

Have a look what the booklet for
Hex(4C75C5) contains.

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Color

Hex(4C75C5)

Conversions

Conversions Part 1

Format	Color
Hex	4C75C5
RGB	76, 117, 197
RGB Percent	30%, 46%, 77%
CMY	0.7020, 0.5412, 0.2275
CMYK	0.61, 0.41, 0.00, 0.23
HSL	220°, 51%, 54%
HSV	220°, 61%, 77%
XYZ	19.4198, 18.2903, 55.3302
YIQ	113.8610, -50.1160, 16.1880

Conversions

Conversions Part 2

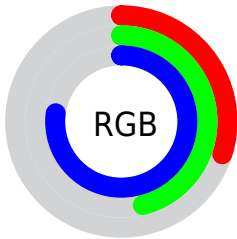
Format	Color
R _Y B	76, 107, 197
Decimal	5010885
CIE Lab	49.85, 10.67, -46.07
CIE LCh	50, 47.291, 283.041
Yxy	18.2903, 0.2087, 0.1966
Android (android.graphics.Color)	4283200965 (0xFF4C75C5)
YUV	113.8610, 40.9875, -33.2041
Hunter-Lab	42.7672, 6.2112, -46.7696

Details

The Hex color **4C75C5** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **C59C4C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **87A9FE**, and **00458F** is the 20% darker color. If you saturate the color by 10%, you get **3868C5**, and if you desaturate by 10%, it is **6082C5**.

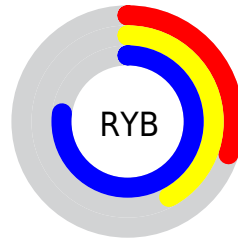
Distribution



Red (30%)

Green (46%)

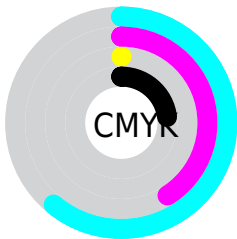
Blue (77%)



Red (30%)

Yellow (42%)

Blue (77%)

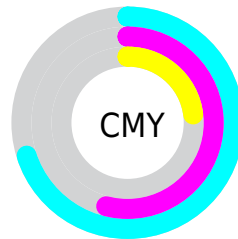


Cyan (61%)

Magenta (41%)

Yellow (0%)

Black (23%)



Cyan (70%)

Magenta (54%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C75C5 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 4C75C5 by changing the saturation by 10% instead.

■ 4C75C5

■ 4C75C5

FFFFFF

■ 2B5DA9

■ 87A9FE

■ 00458F

■ A3C4FF

■ 003075

■ C0E0FF

■ 001C5B

■ DEFCFF

■ 000044

■ FCFFFF

■ 00032C

■ 000117

■ 000000

■ 4C75C5

■ 4C75C5

■ 3868C5

■ 6082C5

■ 255BC5

■ 738FC5

■ 114EC5

■ 879CC5

■ 0043C5

■ 9BA9C5

■ AFB6C5

■ C2C3C5

■ D6D0C5

■ EADDC5

■ FDEAC5

Harmonies

Analogous

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



0081C3



4C75C5



8F64B2

Triad

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



4C75C5



B85D41



00895E

Complementary

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



4C75C5



C59C4C

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.



4F8339



4C75C5



9F6C26

Square

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



4C75C5



C05267



7C7A21



008A87

Rectangle

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



4C75C5



AB5A9C



7C7A21



1F8750

Sweetspot

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



4C75C5



D1E1FF



4CC59B



636D80



000000



808080

Same Dimension

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



4C75C5



4282FF



5E4CC5



5A5D63



0037A3



000C24

Inverse Universe

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



C54C75



FF4282



B3C54C



635A5D



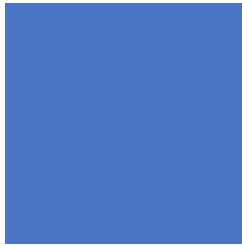
A30037



24000C

Previews

White Background



This preview shows how the Hex color 4C75C5 looks on a white background.

Color Contrast Check

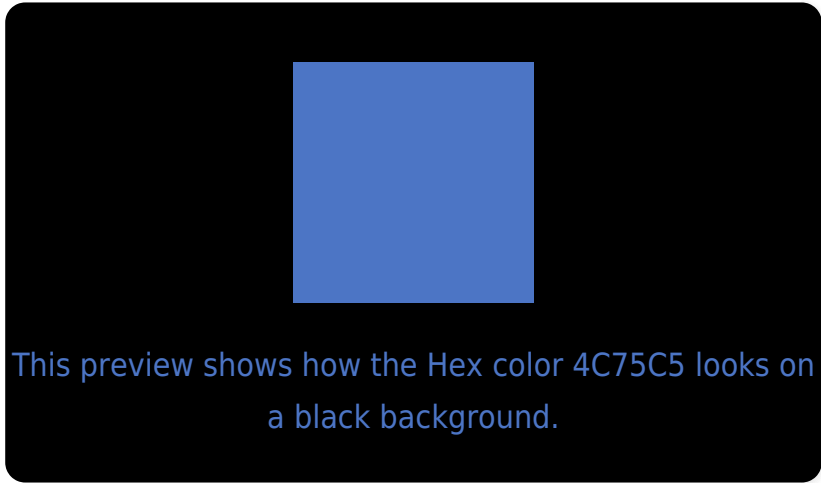
Large Text (above 18pt) WCAG AA ✓ Pass

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

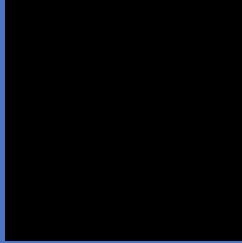
Any Text WCAG AA ✓ Pass

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 4C75C5 Background



This preview shows how black text looks on a background with the Hex color 4C75C5.



This preview shows how white text looks on a background with the Hex color 4C75C5.

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
4C75C5

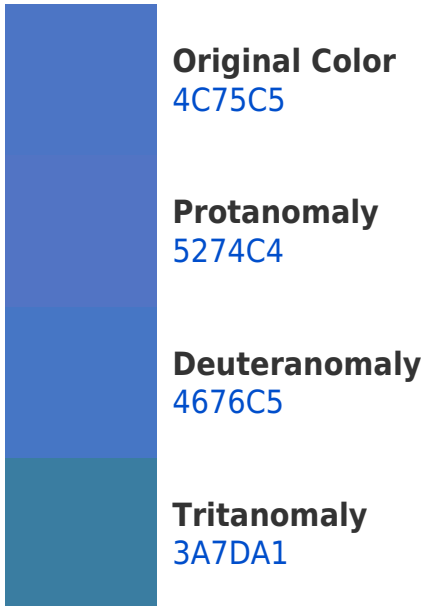
Protanopia
5573C4

Deuteranopia
4277C5

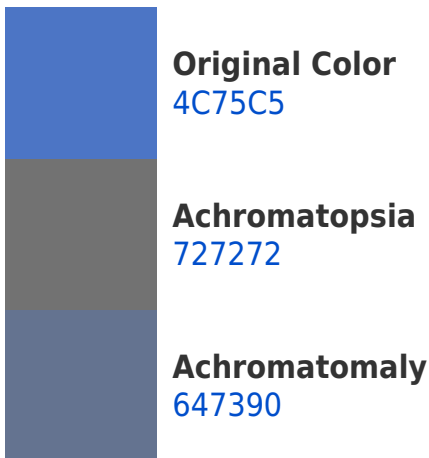


Tritanopia
30818C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C75C5 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 #4C75C5 looks like.

```
.text, #text, p{  
    color:#4C75C5  
}
```

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 #4C75C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C75C5
}
```

Border

The CSS property to change the border of an element to Hex 4C75C5 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
#4C75C5 }
```

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

```
.border{ border-color:#4C75C5 }
```

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

Here you see how a box with a 4 pixel #4C75C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C75C5; -webkit-box-shadow:4px 4px  
4px 4px #4C75C5; box-shadow:4px 4px 4px  
4px #4C75C5 }
```

Background

The CSS property to change the background color of an element to Hex 4C75C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C75C5 }
```

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

```
.background{ background-color:#4C75C5 }
```

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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