

Converting Colors

Hex(4A75CF)

Have a look what the booklet for
Hex(4A75CF) contains.

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Color

Hex(4A75CF)

Conversions

Conversions Part 1

Format	Color
Hex	4A75CF
RGB	74, 117, 207
RGB Percent	29%, 46%, 81%
CMY	0.7098, 0.5412, 0.1882
CMYK	0.64, 0.43, 0.00, 0.19
HSL	221°, 58%, 55%
HSV	221°, 64%, 81%
XYZ	20.4478, 18.6834, 61.5600
YIQ	114.4030, -54.5180, 18.8740

Conversions

Conversions Part 2

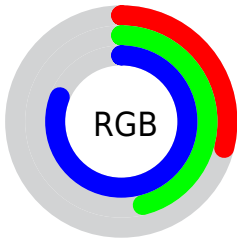
Format	Color
R_{YB}	74, 106, 207
Decimal	4879823
CIE _{Lab}	50.31, 13.76, -51.04
CIE _{LCh}	50, 52.864, 285.086
Yxy	18.6834, 0.2031, 0.1856
Android (android.graphics.Color)	4283069903 (0xFF4A75CF)
YUV	114.4030, 45.6503, -35.4334
Hunter-Lab	43.2243, 8.7991, -54.1837

Details

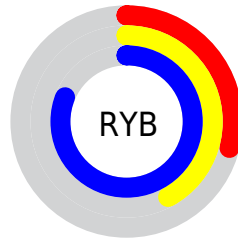
The Hex color **4A75CF** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **CFA44A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **86A9FF**, and **004698** is the 20% darker color. If you saturate the color by 10%, you get **3567CF**, and if you desaturate by 10%, it is **5F83CF**.

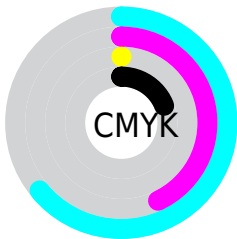
Distribution



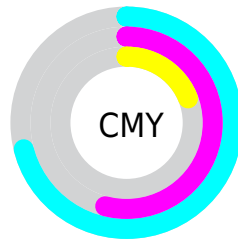
- Red (29%)
- Green (46%)
- Blue (81%)



- Red (29%)
- Yellow (42%)
- Blue (81%)



- Cyan (64%)
- Magenta (43%)
- Yellow (0%)
- Black (19%)



- Cyan (71%)
- Magenta (54%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A75CF 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 4A75CF by changing the saturation by 10% instead.

■ 4A75CF

■ 4A75CF

FFFFFF

■ 265DB3

■ 86A9FF

■ 004698

■ A4C4FF

■ 00307E

■ C1E0FF

■ 001C64

■ DFFCFF

■ 00004C

■ FDFFFF

■ 000434

■ 00021E

■ 000000

■ 4A75CF

■ 4A75CF

■ 3567CF

■ 5F83CF

■ 2159CF

■ 7391CF

■ 0C4BCF

■ 889FCF

■ 0043CF

■ 9DADCF

■ B2BBCF

■ C6C9CF

■ DBD7CF

■ F0E5CF

■ FFF3CF

Harmonies

Analogous

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



0083CF



4A75CF



9762B8

Triad

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



4A75CF



BE5B39



008C5F

Complementary

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



4A75CF



CFA44A

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.



458634



4A75CF



A16D19

Square

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



4A75CF



C94D63



797D14



008D8E

Rectangle

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



4A75CF



B4559F



797D14



008A50

Sweetspot

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



4A75CF



CFDEFF



4ACFA3



626C80



000000



808080

Same Dimension

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



4A75CF



3B7AFF



604ACF



5E6169



0036A8



000D29

Inverse Universe

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



CF4A75



FF3B7A



B9CF4A



695E61



A80036



29000D

Previews

White Background



This preview shows how the Hex color 4A75CF looks on a white background.

Color Contrast Check

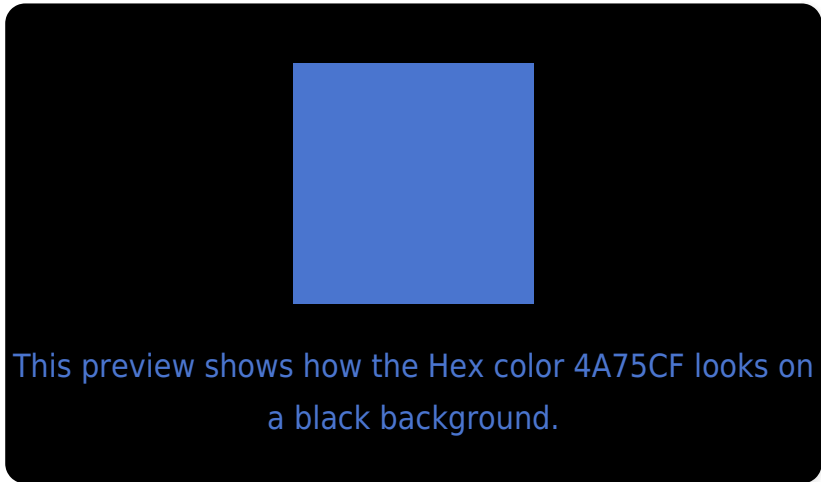
Large Text (above 18pt) WCAG AA ✓ Pass

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 4A75CF Background



This preview shows how black text looks on a background with the Hex color 4A75CF.



This preview shows how white text looks on a background with the Hex color 4A75CF.

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](#).

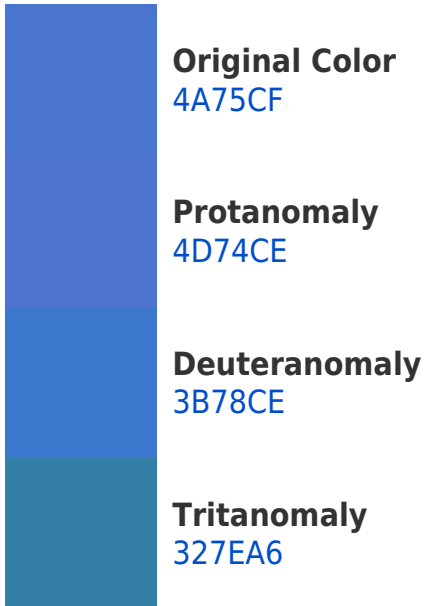
Dichromacy





Tritanopia
24838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A75CF 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 #4A75CF looks like.

```
.text, #text, p{  
    color:#4A75CF  
}
```

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 #4A75CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A75CF
}
```

Border

The CSS property to change the border of an element to Hex 4A75CF 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
#4A75CF }
```

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

```
.border{ border-color:#4A75CF }
```

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

Here you see how a box with a 4 pixel #4A75CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A75CF; -webkit-box-shadow:4px 4px  
4px 4px #4A75CF; box-shadow:4px 4px 4px  
4px #4A75CF }
```

Background

The CSS property to change the background color of an element to Hex 4A75CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A75CF }
```

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

```
.background{ background-color:#4A75CF }
```

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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