

Converting Colors

Hex(4758CA)

Have a look what the booklet for
Hex(4758CA) contains.

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Color

Hex(4758CA)

Conversions

Conversions Part 1

Format	Color
Hex	4758CA
RGB	71, 88, 202
RGB Percent	28%, 35%, 79%
CMY	0.7216, 0.6549, 0.2078
CMYK	0.65, 0.56, 0.00, 0.21
HSL	232°, 55%, 54%
HSV	232°, 65%, 79%
XYZ	16.7489, 12.5833, 57.4232
YIQ	95.9130, -46.7260, 31.8500

Conversions

Conversions Part 2

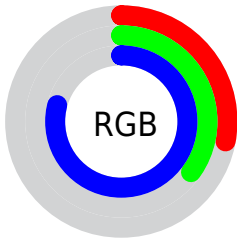
Format	Color
R_{YB}	71, 86, 202
Decimal	4675786
CIE _{Lab}	42.13, 29.77, -61.37
CIE _{LCh}	42, 68.203, 295.876
Yxy	12.5833, 0.1931, 0.1450
Android (android.graphics.Color)	4282865866 (0xFF4758CA)
YUV	95.9130, 52.3009, -21.8487
Hunter-Lab	35.4730, 22.2030, -71.1468

Details

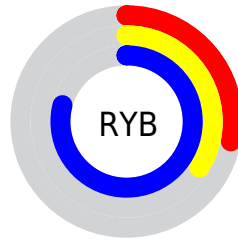
The Hex color **4758CA** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **CAB947**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **848AFF**, and **002B93** is the 20% darker color. If you saturate the color by 10%, you get **3346CA**, and if you desaturate by 10%, it is **5B6ACA**.

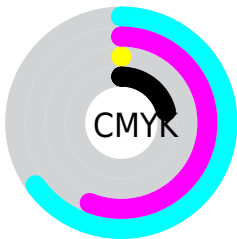
Distribution



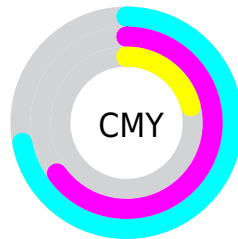
- Red (28%)
- Green (35%)
- Blue (79%)



- Red (28%)
- Yellow (34%)
- Blue (79%)



- Cyan (65%)
- Magenta (56%)
- Yellow (0%)
- Black (21%)



- Cyan (72%)
- Magenta (65%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4758CA 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 4758CA by changing the saturation by 10% instead.

■ 4758CA

■ 4758CA

FFFFFF

■ 2141AE

■ 848AFF

■ 002B93

■ A2A4FF

■ 001878

■ C0BFFF

■ 00005F

■ DDDBFF

■ 000846

■ FCF7FF

■ 00042F

■ 000119

■ 000000

■ 4758CA

■ 4758CA

■ 3346CA

■ 5B6ACA

■ 1F35CA

■ 6F7BCA

■ 0A23CA

■ 848DCA

■ 001ACA

■ 989ECA

■ ACB0CA

■ C0C1CA

■ D4D3CA

■ E9E5CA

■ FDF6CA

Harmonies

Analogous

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



006DD5



4758CA



9D37A3

Triad

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



4758CA



A94500



007A5A

Complementary

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



4758CA



CAB947

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.



00771C



4758CA



805F00

Square

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



4758CA



C12036



4A6E00



007B93

Rectangle

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



4758CA



B81B80



4A6E00



007A46

Sweetspot

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



4758CA



CFD5FF



47CAB9



626680



000000



808080

Same Dimension

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



4758CA



3852FF



7747CA



5C5D66



0016A6



000526

Inverse Universe

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



CA4758



FF3852



9ACA47



665C5D



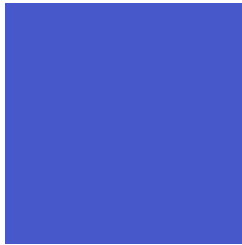
A60016



260005

Previews

White Background



This preview shows how the Hex color 4758CA looks on a white background.

Color Contrast Check

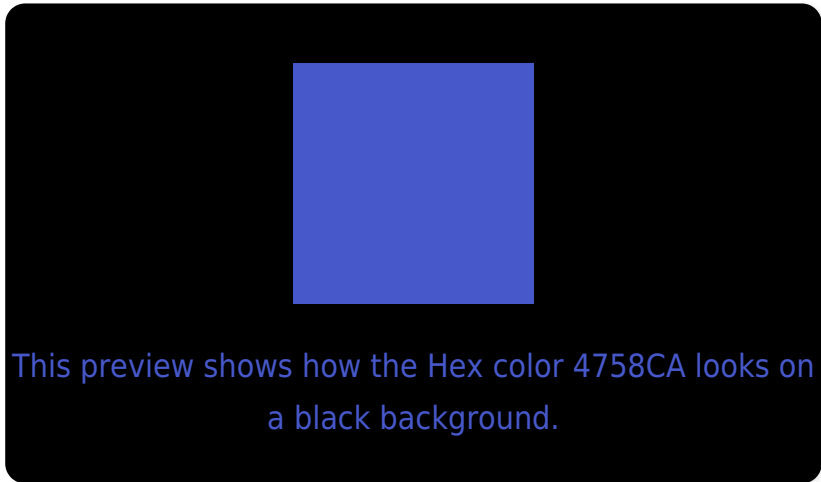
Large Text (above 18pt) WCAG AA ✓ Pass

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

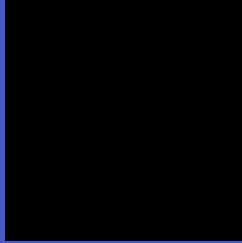
Any Text WCAG AA × Fail

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 4758CA Background



This preview shows how black text looks on a background with the Hex color 4758CA.

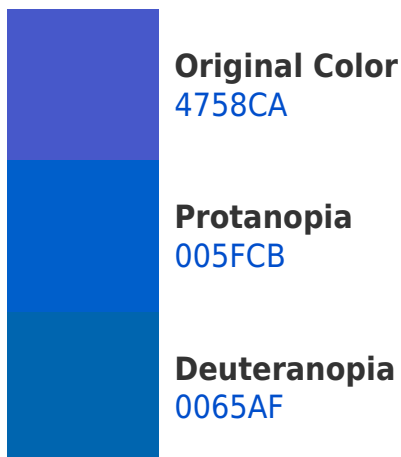


This preview shows how white text looks on a background with the Hex color 4758CA.

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
006E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4758CA 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 #4758CA looks like.

```
.text, #text, p{  
    color:#4758CA  
}
```

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 #4758CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4758CA
}
```

Border

The CSS property to change the border of an element to Hex 4758CA 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".

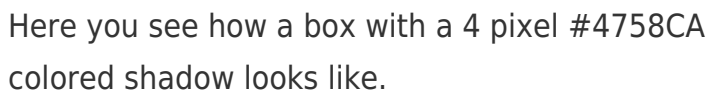
```
.border, #border, table{ border:4px solid
#4758CA }
```

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

```
.border{ border-color:#4758CA }
```

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

Here you see how a box with a 4 pixel #4758CA colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4-pixel offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #4758CA colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4758CA; -webkit-box-shadow:4px 4px  
4px 4px #4758CA; box-shadow:4px 4px 4px  
4px #4758CA }
```

Background

The CSS property to change the background color of an element to Hex 4758CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4758CA }
```

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

```
.background{ background-color:#4758CA }
```

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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