

Converting Colors

Hex(4842C4)

Have a look what the booklet for
Hex(4842C4) contains.

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Color

Hex(4842C4)

Conversions

Conversions Part 1

Format	Color
Hex	4842C4
RGB	72, 66, 196
RGB Percent	28%, 26%, 77%
CMY	0.7176, 0.7412, 0.2314
CMYK	0.63, 0.66, 0.00, 0.23
HSL	243°, 52%, 51%
HSV	243°, 66%, 77%
XYZ	14.5845, 9.2597, 53.2432
YIQ	82.6140, -38.1540, 41.7020

Conversions

Conversions Part 2

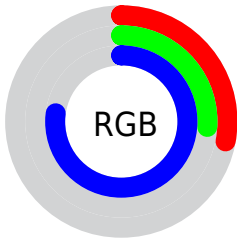
Format	Color
R _Y B	72, 66, 196
Decimal	4735684
CIE Lab	36.48, 41.48, -67.08
CIE LCh	36, 78.872, 301.728
Yxy	9.2597, 0.1892, 0.1201
Android (android.graphics.Color)	4282925764 (0xFF4842C4)
YUV	82.6140, 55.8993, -9.3085
Hunter-Lab	30.4297, 32.3004, -82.4395

Details

The Hex color **4842C4** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **BEC442**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **8573FE**, and **00158D** is the 20% darker color. If you saturate the color by 10%, you get **352EC4**, and if you desaturate by 10%, it is **5B56C4**.

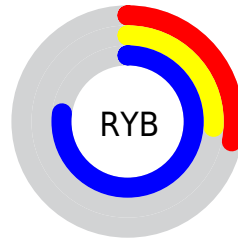
Distribution



Red (28%)

Green (26%)

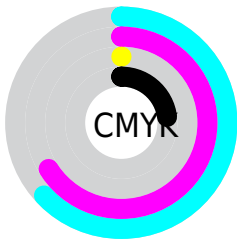
Blue (77%)



Red (28%)

Yellow (26%)

Blue (77%)

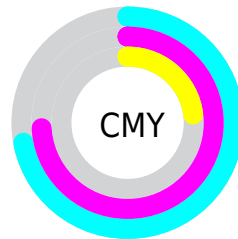


Cyan (63%)

Magenta (66%)

Yellow (0%)

Black (23%)



Cyan (72%)

Magenta (74%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4842C4 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 4842C4 by changing the saturation by 10% instead.



4842C4



4842C4

FFFFFF



222BA8



8573FE



00158D



A38DFF



000273



C1A7FF



000059



DFC3FF



000741



FDDFFF



00032A



FFFCFF



000114



000000



4842C4



4842C4

■ 352EC4

■ 5B56C4

■ 231BC4

■ 6D69C4

■ 1007C4

■ 807DC4

■ 0900C4

■ 9390C4

■ A5A4C4

■ B8B8C4

■ CBCBC4

■ DEDFC4

■ F0F2C4

Harmonies

Analogous

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



005ED8



4842C4



A00093

Triad

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



4842C4



973700



006E58

Complementary

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



4842C4



BEC442

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.



006B0E



4842C4



665500

Square

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



4842C4



B70017



1E6400



006E98

Rectangle

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



4842C4



B8006A



1E6400



006D42

Sweetspot

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



4842C4



CECCFF



42C0C4



626180



000000



808080

Same Dimension

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



4842C4



3C33FF



8742C4



585761



0700A1



020021

Inverse Universe

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



C442BE



FF33F6



7FC442



615760



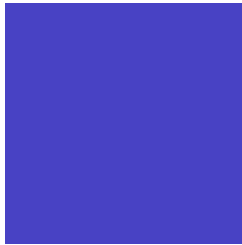
A10099



210020

Previews

White Background



This preview shows how the Hex color 4842C4 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

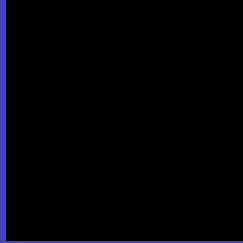
Any Text WCAG AA × Fail

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 4842C4 Background



This preview shows how black text looks on a background with the Hex color 4842C4.

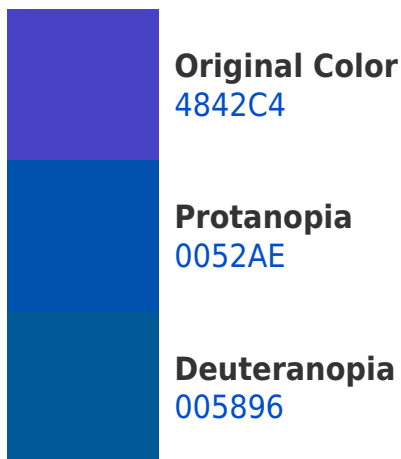


This preview shows how white text looks on a background with the Hex color 4842C4.

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](#).

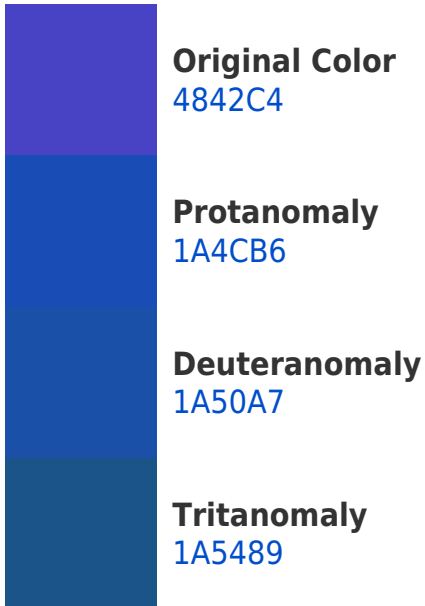
Dichromacy



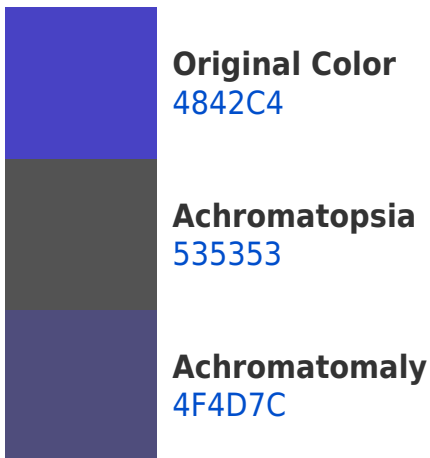


Tritanopia
005F67

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4842C4 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 #4842C4 looks like.

```
.text, #text, p{  
    color:#4842C4  
}
```

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 #4842C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4842C4
}
```

Border

The CSS property to change the border of an element to Hex 4842C4 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".

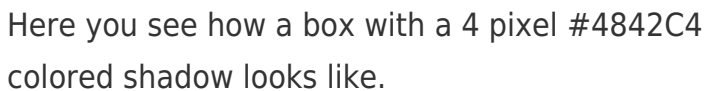
```
.border, #border, table{ border:4px solid
#4842C4 }
```

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

```
.border{ border-color:#4842C4 }
```

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

Here you see how a box with a 4 pixel #4842C4 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 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4842C4; -webkit-box-shadow:4px 4px  
4px 4px #4842C4; box-shadow:4px 4px 4px  
4px #4842C4 }
```

Background

The CSS property to change the background color of an element to Hex 4842C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4842C4 }
```

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

```
.background{ background-color:#4842C4 }
```

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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