

Converting Colors

Hex(4C48AD)

Have a look what the booklet for
Hex(4C48AD) contains.

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Color

Hex(4C48AD)

Conversions

Conversions Part 1

Format	Color
Hex	4C48AD
RGB	76, 72, 173
RGB Percent	30%, 28%, 68%
CMY	0.7020, 0.7176, 0.3216
CMYK	0.56, 0.58, 0.00, 0.32
HSL	242°, 41%, 48%
HSV	242°, 58%, 68%
XYZ	12.8407, 9.1884, 40.6319
YIQ	84.7100, -30.0370, 32.2590

Conversions

Conversions Part 2

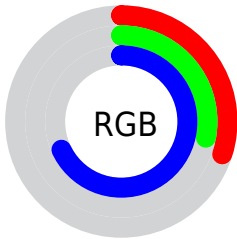
Format	Color
R _Y B	76, 72, 173
Decimal	4999341
CIE Lab	36.34, 30.94, -53.74
CIE LCh	36, 62.009, 299.927
Yxy	9.1884, 0.2049, 0.1466
Android (android.graphics.Color)	4283189421 (0xFF4C48AD)
YUV	84.7100, 43.5270, -7.6387
Hunter-Lab	30.3123, 22.5684, -58.2562

Details

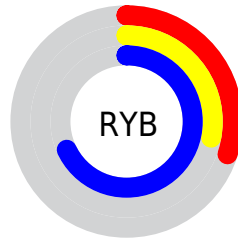
The Hex color **4C48AD** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A9AD48**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **8579E5**, and **001C78** is the 20% darker color. If you saturate the color by 10%, you get **3B37AD**, and if you desaturate by 10%, it is **5D59AD**.

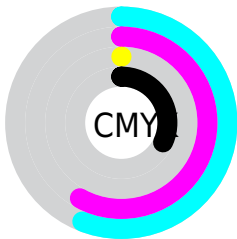
Distribution



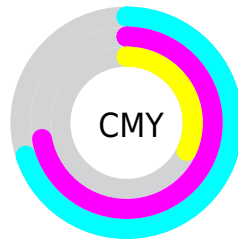
- Red (30%)
- Green (28%)
- Blue (68%)



- Red (30%)
- Yellow (28%)
- Blue (68%)



- Cyan (56%)
- Magenta (58%)
- Yellow (0%)
- Black (32%)



- Cyan (70%)
- Magenta (72%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C48AD 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 4C48AD by changing the saturation by 10% instead.

■ 4C48AD

■ 4C48AD

FFFFFF

■ 2D3192

■ 8579E5

■ 001C78

■ A193FF

■ 00085E

■ BEADFF

■ 000046

■ DBC9FF

■ 00042E

■ F9E5FF

■ 000119

■ 000000

■ 4C48AD

■ 4C48AD

■ 3B37AD

■ 5D59AD

■ 2B25AD

■ 6D6BAD

■ 1A14AD

■ 7E7CAD

■ 0A03AD

■ 8E8DAD

■ 0700AD

■ 9F9FAD

■ B0B0AD

■ C0C1AD

■ D1D2AD

■ E2E4AD

Harmonies

Analogous

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



005CBA



4C48AD



8F2988

Triad

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



4C48AD



8E3E00



006A54

Complementary

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



4C48AD



A9AD48

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.



00671E



4C48AD



695400

Square

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



4C48AD



A61E27



366000



006A86

Rectangle

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



4C48AD



A40F69



366000



006942

Sweetspot

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



4C48AD



BAB8E0



48AAAD



585870



F0F0F0



707070

Same Dimension

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



4C48AD



4A43E0



7E48AD



4E4E57



060096



010017

Inverse Universe

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



AD48A9



E043DA



77AD48



574E56



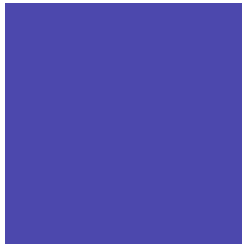
960090



170016

Previews

White Background



This preview shows how the Hex color 4C48AD looks on a white background.

Color Contrast Check

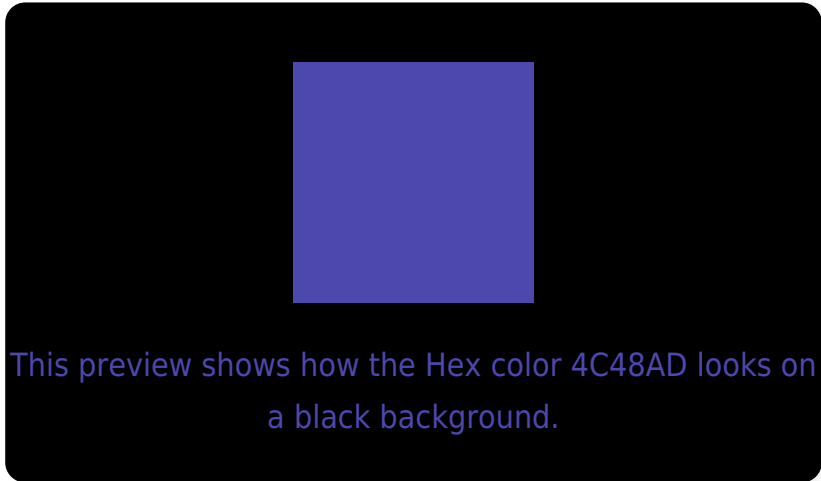
Large Text (above 18pt) WCAG AA ✓ Pass

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

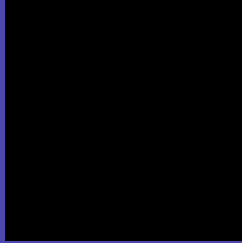
Any Text WCAG AA × Fail

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 4C48AD Background



This preview shows how black text looks on a background with the Hex color 4C48AD.



This preview shows how white text looks on a background with the Hex color 4C48AD.

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
4C48AD

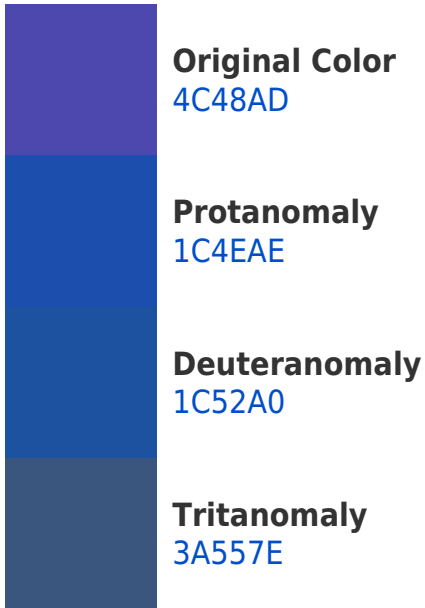
Protanopia
0052AF

Deuteranopia
005798

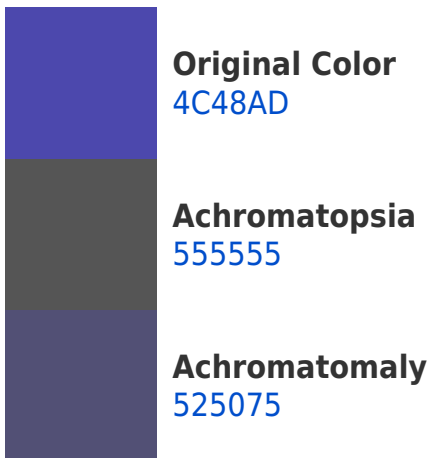


Tritanopia
305C63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C48AD 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 #4C48AD looks like.

```
.text, #text, p{  
    color:#4C48AD  
}
```

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 #4C48AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C48AD
}
```

Border

The CSS property to change the border of an element to Hex 4C48AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

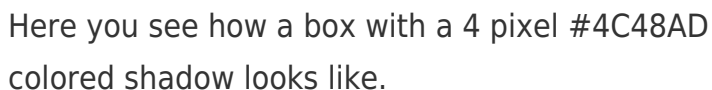
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C48AD }
```

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

```
.border{ border-color:#4C48AD }
```

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



Here you see how a box with a 4 pixel #4C48AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C48AD; -webkit-box-shadow:4px 4px  
4px 4px #4C48AD; box-shadow:4px 4px 4px  
4px #4C48AD }
```

Background

The CSS property to change the background color of an element to Hex 4C48AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C48AD }
```

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

```
.background{ background-color:#4C48AD }
```

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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