

Converting Colors

Hex(4248CF)

Have a look what the booklet for
Hex(4248CF) contains.

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Color

Hex(4248CF)

Conversions

Conversions Part 1

Format	Color
Hex	4248CF
RGB	66, 72, 207
RGB Percent	26%, 28%, 81%
CMY	0.7412, 0.7176, 0.1882
CMYK	0.68, 0.65, 0.00, 0.19
HSL	237°, 59%, 54%
HSV	237°, 68%, 81%
XYZ	15.8266, 10.2980, 60.1850
YIQ	85.5960, -46.9110, 40.7130

Conversions

Conversions Part 2

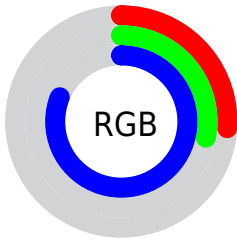
Format	Color
R _{YB}	66, 72, 207
Decimal	4344015
CIE _{Lab}	38.37, 40.71, -70.39
CIE _{LCh}	38, 81.318, 300.045
Yxy	10.2980, 0.1834, 0.1193
Android (android.graphics.Color)	4282534095 (0xFF4248CF)
YUV	85.5960, 59.8522, -17.1857
Hunter-Lab	32.0905, 31.8757, -88.7339

Details

The Hex color **4248CF** 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 **CFC942**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **8379FF**, and **001C97** is the 20% darker color. If you saturate the color by 10%, you get **2D34CF**, and if you desaturate by 10%, it is **575CCF**.

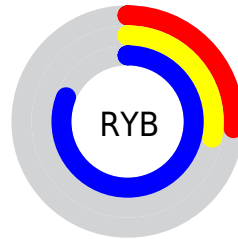
Distribution



Red (26%)

Green (28%)

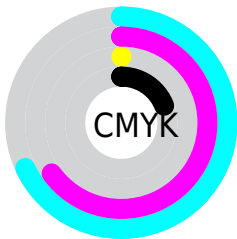
Blue (81%)



Red (26%)

Yellow (28%)

Blue (81%)

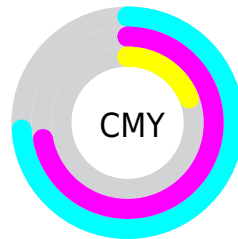


Cyan (68%)

Magenta (65%)

Yellow (0%)

Black (19%)



Cyan (74%)

Magenta (72%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4248CF 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 4248CF by changing the saturation by 10% instead.

■ 4248CF

■ 4248CF

FFFFFF

■ 1331B3

■ 8379FF

■ 001C97

■ A193FF

■ 00097D

■ BFAEFF

■ 000063

■ DDC9FF

■ 00094A

■ FCE5FF

■ 000432

■ 00021C

■ 000000

■ 4248CF

■ 4248CF

■ 2D34CF

■ 575CCF

■ 1920CF

■ 6B70CF

■ 040DCF

■ 8083CF

■ 0009CF

■ 9597CF

■ A9ABCF

■ BEBFCF

■ D3D3CF

■ E8E7CF

■ FCFACF

Harmonies

Analogous

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



0064E1



4248CF



A5009E

Triad

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



4248CF



A03800



007359

Complementary

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



4248CF



CFC942

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.



007008



4248CF



6F5800

Square

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



4248CF



C0001D



276800



00749C

Rectangle

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



4248CF



BF0073



276800



007241

Sweetspot

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



4248CF



CCCEFF



42CFC8



616280



000000



808080

Same Dimension

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



4248CF



2E37FF



8142CF



5E5F69



0007A8



000229

Inverse Universe

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



CF4248



FF2E37



90CF42



695E5F



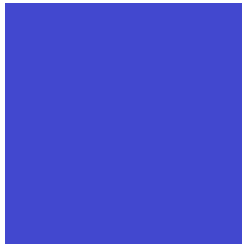
A80007



290002

Previews

White Background



This preview shows how the Hex color 4248CF looks on a white background.

Color Contrast Check

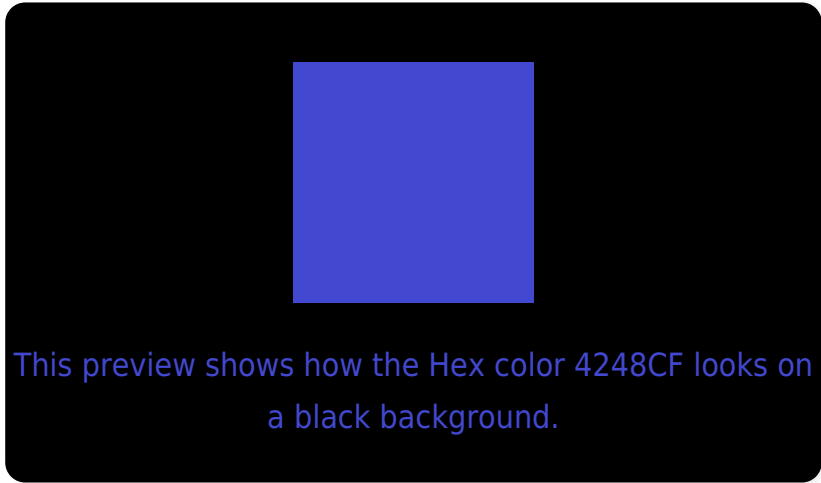
Large Text (above 18pt) WCAG AA ✓ Pass

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

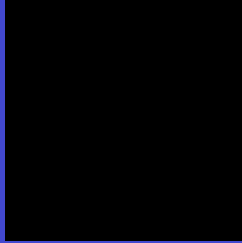
Any Text WCAG AA × Fail

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 4248CF Background



This preview shows how black text looks on a background with the Hex color 4248CF.

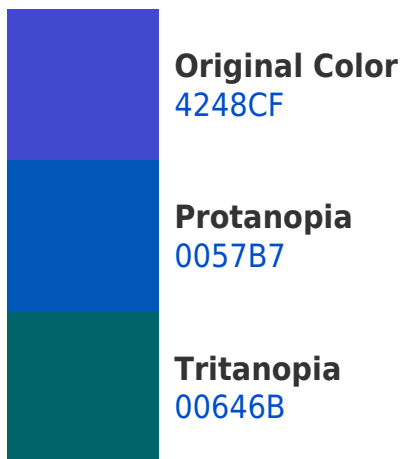


This preview shows how white text looks on a background with the Hex color 4248CF.

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



Trichromacy



Original Color
4248CF

Protanomaly
1852C0

Tritanomaly
185A8F

Monochromacy



Original Color
4248CF

Achromatopsia
565656

Achromatomaly
4F5182

CSS Examples

Text

The CSS property to change the color of the text to Hex 4248CF 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 #4248CF looks like.

```
.text, #text, p{  
    color:#4248CF  
}
```

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 #4248CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4248CF
}
```

Border

The CSS property to change the border of an element to Hex 4248CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

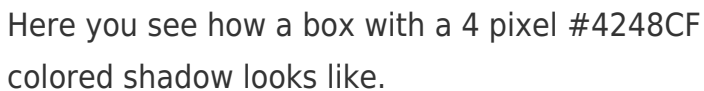
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4248CF }
```

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

```
.border{ border-color:#4248CF }
```

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



Here you see how a box with a 4 pixel #4248CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4248CF; -webkit-box-shadow:4px 4px  
4px 4px #4248CF; box-shadow:4px 4px 4px  
4px #4248CF }
```

Background

The CSS property to change the background color of an element to Hex 4248CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4248CF }
```

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

```
.background{ background-color:#4248CF }
```

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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