

Converting Colors

Hex(48CA00)

Have a look what the booklet for
Hex(48CA00) contains.

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Color

Hex(48CA00)

Conversions

Conversions Part 1

Format	Color
Hex	48CA00
RGB	72, 202, 0
RGB Percent	28%, 79%, 0%
CMY	0.7176, 0.2078, 1.0000
CMYK	0.64, 0.00, 1.00, 0.21
HSL	99°, 100%, 40%
HSV	99°, 100%, 79%
XYZ	23.7930, 43.6188, 7.1652
YIQ	140.1020, -12.6380, -90.3820

Conversions

Conversions Part 2

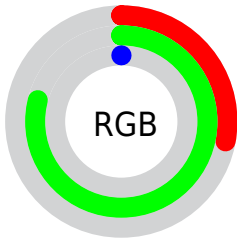
Format	Color
RYB	0, 202, 130
Decimal	4770304
CIELab	71.97, -64.08, 70.93
CIELCh	72, 95.587, 132.093
Yxy	43.6188, 0.3190, 0.5849
Android (android.graphics.Color)	4282960384 (0xFF48CA00)
YUV	140.1020, -69.0703, -59.7255
Hunter-Lab	66.0445, -51.2720, 39.7987

Details

The Hex color **48CA00** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **8200CA**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **89FF51**, and **009300** is the 20% darker color. If you saturate the color by 10%, you get **48CA00**, and if you desaturate by 10%, it is **55CA14**.

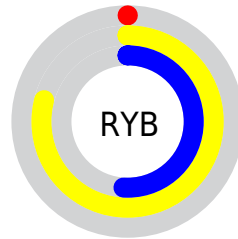
Distribution



Red (28%)

Green (79%)

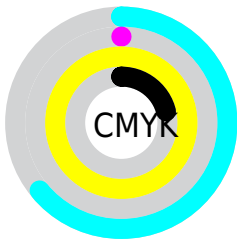
Blue (0%)



Red (0%)

Yellow (79%)

Blue (51%)

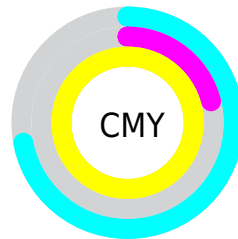


Cyan (64%)

Magenta (0%)

Yellow (100%)

Black (21%)



Cyan (72%)

Magenta (21%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48CA00 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 48CA00 by changing the saturation by 10% instead.

 48CA00

 48CA00

FFFFFF

 1CAE00

 89FF51

 009300

 A7FF6E

 007800

 C6FF8B

 005E00

 E4FFA8

 004400

 FFFFC5

 002D00

 FFFFE2

 000D00

 000000

 48CA00

 55CA14

 62CA28

 6FCA3D

 7CCA51

 89CA65

 96CA79

 A3CA8D

 B0CAA2

 BDCAB6

Harmonies

Analogous

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



B4B800



48CA00



00D377

Triad

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



48CA00



00C9FF



FF4191

Complementary

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



48CA00



8200CA

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.



FF53E8



48CA00



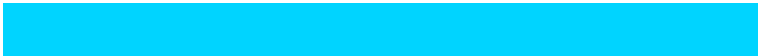
00B0FF

Square

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



48CA00



00D4FF



DE86FF



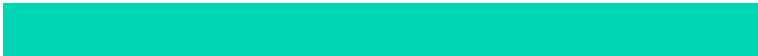
FF6C3D

Rectangle

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



48CA00



00D6B4



DE86FF



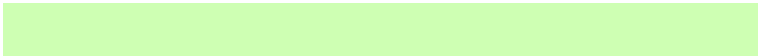
FF3EAE

Sweetspot

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



48CA00



CEFFB3



CA8000



628052



000000



808080

Same Dimension

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



48CA00



5BFF00



00CA1B



5F665C



3BA600



0E2600

Inverse Universe

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



8200CA



A400FF



CA00AF



625C66



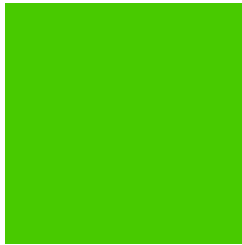
6B00A6



190026

Previews

White Background



This preview shows how the Hex color 48CA00 looks on a white background.

Color Contrast Check

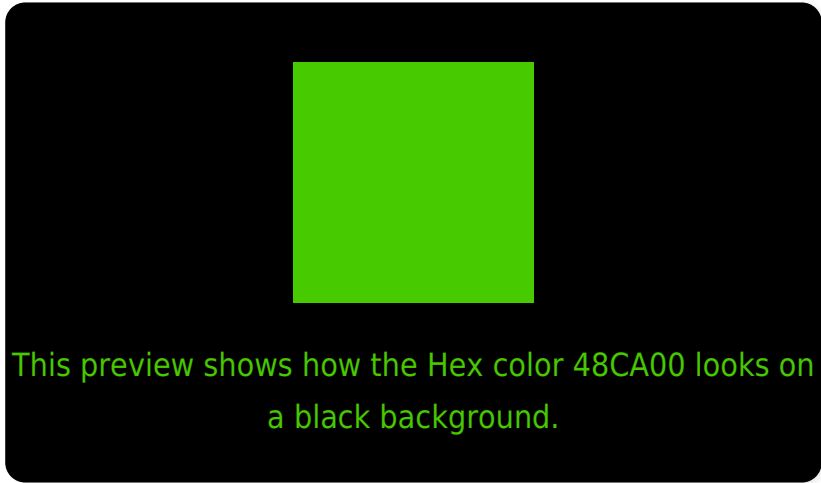
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 48CA00 Background



This preview shows how black text looks on a background with the Hex color 48CA00.

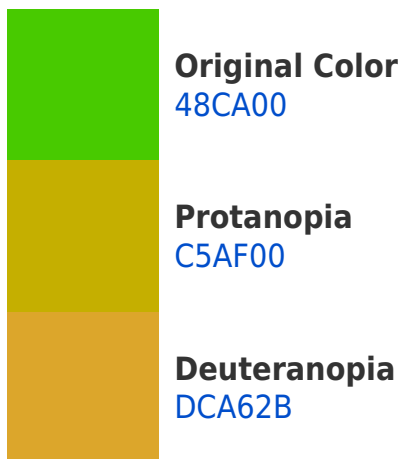


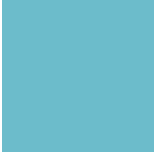
This preview shows how white text looks on a background with the Hex color 48CA00.

Color Blindness Simulation

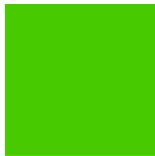
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
48CA00



Protanomaly
98B900



Deuteranomaly
A6B31B



Tritanomaly
5FC181

Monochromacy



Original Color
48CA00



Achromatopsia
8C8C8C



Achromatomaly
73A359

CSS Examples

Text

The CSS property to change the color of the text to Hex 48CA00 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 #48CA00 looks like.

```
.text, #text, p{  
    color:#48CA00  
}
```

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 #48CA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48CA00
}
```

Border

The CSS property to change the border of an element to Hex 48CA00 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
#48CA00 }
```

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

```
.border{ border-color:#48CA00 }
```

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

Here you see how a box with a 4 pixel #48CA00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48CA00; -webkit-box-shadow:4px 4px  
4px 4px #48CA00; box-shadow:4px 4px 4px  
4px #48CA00 }
```

Background

The CSS property to change the background color of an element to Hex 48CA00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48CA00 }
```

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

```
.background{ background-color:#48CA00 }
```

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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