

Converting Colors

Hex(48C435)

Have a look what the booklet for
Hex(48C435) contains.

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Color

Hex(48C435)

Conversions

Conversions Part 1

Format	Color
Hex	48C435
RGB	72, 196, 53
RGB Percent	28%, 77%, 21%
CMY	0.7176, 0.2314, 0.7922
CMYK	0.63, 0.00, 0.73, 0.23
HSL	112°, 57%, 49%
HSV	112°, 73%, 77%
XYZ	23.0550, 41.1146, 10.0890
YIQ	142.6220, -28.0010, -70.7610

Conversions

Conversions Part 2

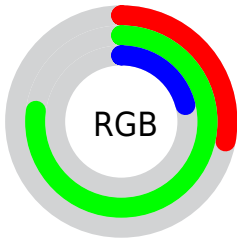
Format	Color
RYB	53, 196, 177
Decimal	4768821
CIELab	70.26, -59.97, 58.22
CIELCh	70, 83.577, 135.849
Yxy	41.1146, 0.3105, 0.5537
Android (android.graphics.Color)	4282958901 (0xFF48C435)
YUV	142.6220, -44.1836, -61.9355
Hunter-Lab	64.1207, -48.0303, 35.5556

Details

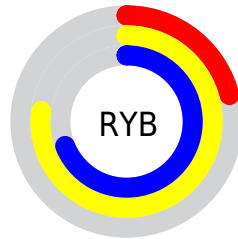
The Hex color **48C435** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **B135C4**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **86FE6C**, and **008D00** is the 20% darker color. If you saturate the color by 10%, you get **37C421**, and if you desaturate by 10%, it is **59C449**.

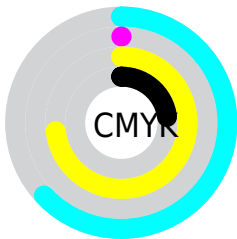
Distribution



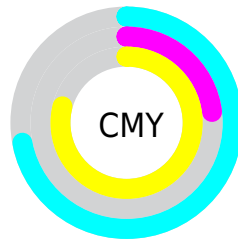
- Red (28%)
- Green (77%)
- Blue (21%)



- Red (21%)
- Yellow (77%)
- Blue (69%)



- Cyan (63%)
- Magenta (0%)
- Yellow (73%)
- Black (23%)



- Cyan (72%)
- Magenta (23%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48C435 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 48C435 by changing the saturation by 10% instead.

 48C435

 48C435

FFFFFF

 20A814

 86FE6C

 008D00

 A4FF88

 007200

 C2FFA3

 005900

 E0FFC0

 004000

 FFFFDC

 002900

 FFFFFA

 000200

 000000

 48C435

 48C435

 37C421

 59C449

 26C40E

 6AC45C

 1AC400

 7BC470

 8CC483

 9DC497

 AEC4AB

 BFC4BE

 D0C4D2

 E1C4E5

Harmonies

Analogous

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



A8B500



48C435



00CC84

Triad

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



48C435



00BFFF



FF5A87

Complementary

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



48C435



B135C4

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.



FF5FD3



48C435



49A7FF

Square

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



48C435



00CBFF



E183FF



FF783F

Rectangle

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



48C435



00CEB9



E183FF



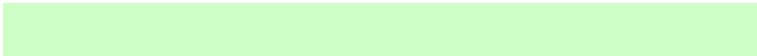
FF56A0

Sweetspot

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



48C435



CEFFC7



C4B135



63805E



000000



808080

Same Dimension

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



48C435



3CFF1F



35C469



586157



15A100



042100

Inverse Universe

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



B135C4



E11FFF



C43590



605761



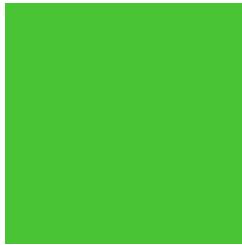
8B00A1



1D0021

Previews

White Background



This preview shows how the Hex color 48C435 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



This preview shows how the Hex color 48C435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

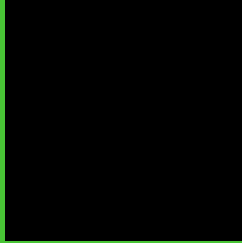
Any Text WCAG AA ✓ Pass

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 48C435 Background



This preview shows how black text looks on a background with the Hex color 48C435.

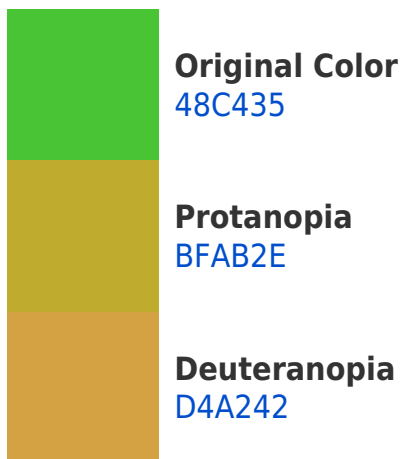


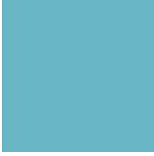
This preview shows how white text looks on a background with the Hex color 48C435.

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
69B7C6

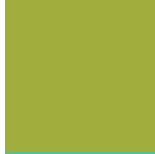
Trichromacy



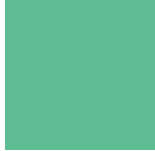
Original Color
48C435



Protanomaly
94B431



Deuteranomaly
A1AE3D



Tritanomaly
5DBC91

Monochromacy



Original Color
48C435



Achromatopsia
8F8F8F



Achromatomaly
75A26E

CSS Examples

Text

The CSS property to change the color of the text to Hex 48C435 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 #48C435 looks like.

```
.text, #text, p{  
    color:#48C435  
}
```

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 #48C435 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48C435
}
```

Border

The CSS property to change the border of an element to Hex 48C435 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
#48C435 }
```

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

```
.border{ border-color:#48C435 }
```

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

Here you see how a box with a 4 pixel #48C435 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48C435; -webkit-box-shadow:4px 4px  
4px 4px #48C435; box-shadow:4px 4px 4px  
4px #48C435 }
```

Background

The CSS property to change the background color of an element to Hex 48C435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48C435 }
```

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

```
.background{ background-color:#48C435 }
```

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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