

Converting Colors

Hex(48C33E)

Have a look what the booklet for
Hex(48C33E) contains.

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Color

Hex(48C33E)

Conversions

Conversions Part 1

Format	Color
Hex	48C33E
RGB	72, 195, 62
RGB Percent	28%, 76%, 24%
CMY	0.7176, 0.2353, 0.7569
CMYK	0.63, 0.00, 0.68, 0.24
HSL	115°, 53%, 50%
HSV	115°, 68%, 76%
XYZ	23.0571, 40.7557, 11.2088
YIQ	143.0610, -30.6150, -67.4390

Conversions

Conversions Part 2

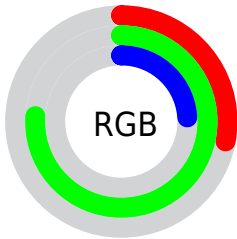
Format	Color
RYB	62, 195, 185
Decimal	4768574
CIELab	70.00, -58.87, 54.55
CIELCh	70, 80.260, 137.183
Yxy	40.7557, 0.3073, 0.5433
Android (android.graphics.Color)	4282958654 (0xFF48C33E)
YUV	143.0610, -39.9631, -62.3205
Hunter-Lab	63.8402, -47.2517, 34.2782

Details

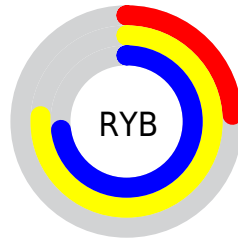
The Hex color **48C33E** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **B93EC3**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **86FD74**, and **008C00** is the 20% darker color. If you saturate the color by 10%, you get **36C32B**, and if you desaturate by 10%, it is **5AC352**.

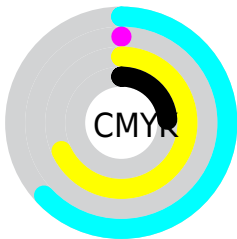
Distribution



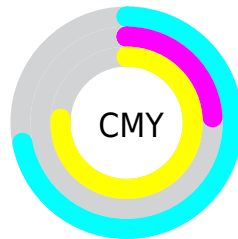
- Red (28%)
- Green (76%)
- Blue (24%)



- Red (24%)
- Yellow (76%)
- Blue (73%)



- Cyan (63%)
- Magenta (0%)
- Yellow (68%)
- Black (24%)



- Cyan (72%)
- Magenta (24%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48C33E 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 48C33E by changing the saturation by 10% instead.

 48C33E

 48C33E

FFFFFF

 21A721

 86FD74

 008C00

 A4FF8F

 007200

 C1FFAB

 005800

 DFFFC7

 003F00

 FEFFE4

 002800

 000000

 48C33E

 48C33E

 36C32B

 5AC352

 24C317

 6CC365

 12C304

 7EC379

 0FC300

 90C38C

 A2C3A0

 B4C3B3

 C6C3C7

 D8C3DA

 EAC3EE

Harmonies

Analogous

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



A5B400



48C33E



00CA88

Triad

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



48C33E



00BDFE



FF6085

Complementary

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



48C33E



B93EC3

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.



FF63CE



48C33E



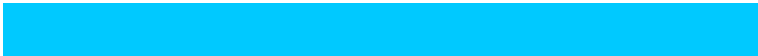
5EA5FF

Square

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



48C33E



00C9FF



E283FF



FF7C41

Rectangle

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



48C33E



00CCBB



E283FF



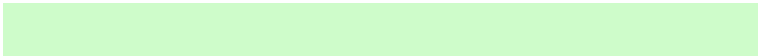
FF5C9D

Sweetspot

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



48C33E



CEFCCA



C3B83E



638061



000000



808080

Same Dimension

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



48C33E



3DFC2D



3EC375



586157



0CA100



022100

Inverse Universe

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



B93EC3



ED2DFC



C33E8C



605761



9500A1



1F0021

Previews

White Background



This preview shows how the Hex color 48C33E looks on a white background.

Color Contrast Check

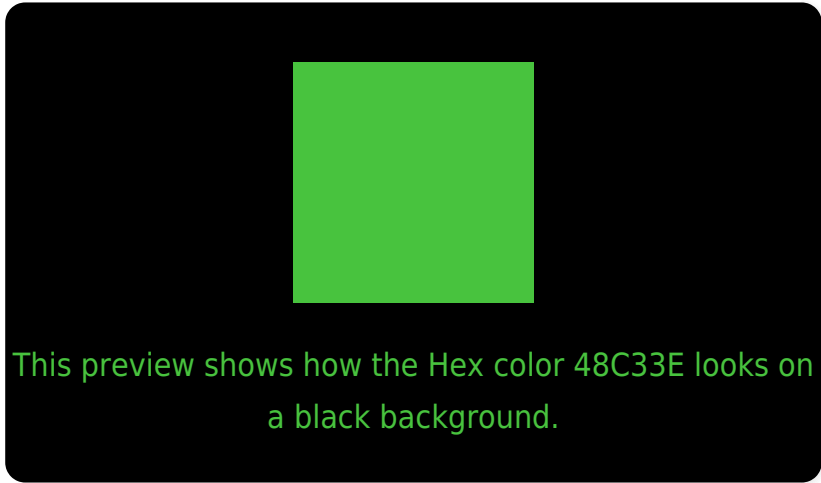
Large Text (above 18pt) WCAG AA × Fail

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

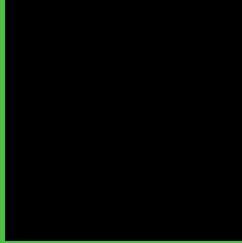
Any Text WCAG AA ✓ Pass

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 48C33E Background



This preview shows how black text looks on a background with the Hex color 48C33E.

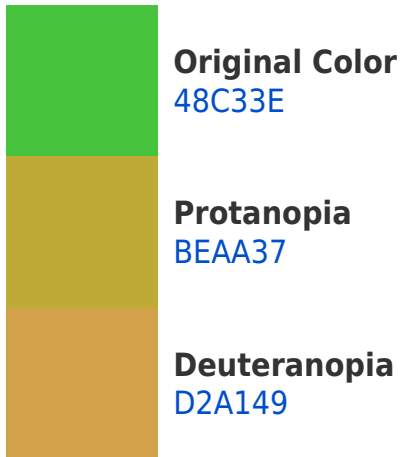


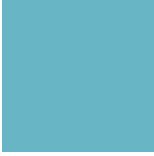
This preview shows how white text looks on a background with the Hex color 48C33E.

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](#).

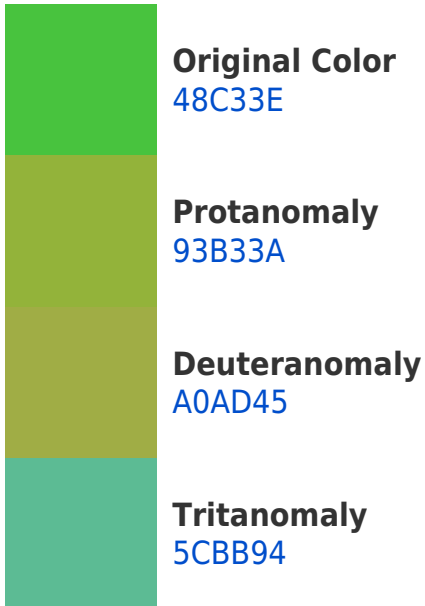
Dichromacy



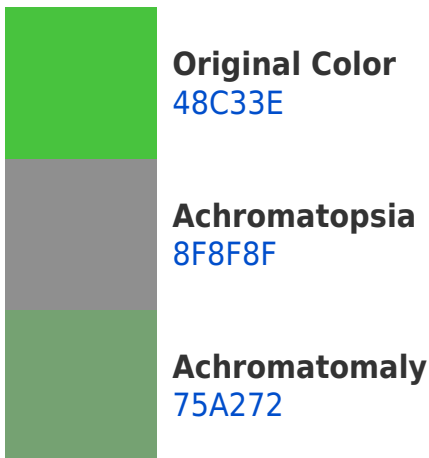


Tritanopia
68B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48C33E 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 #48C33E looks like.

```
.text, #text, p{  
    color:#48C33E  
}
```

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 #48C33E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48C33E
}
```

Border

The CSS property to change the border of an element to Hex 48C33E 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
#48C33E }
```

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

```
.border{ border-color:#48C33E }
```

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

Here you see how a box with a 4 pixel #48C33E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48C33E; -webkit-box-shadow:4px 4px  
4px 4px #48C33E; box-shadow:4px 4px 4px  
4px #48C33E }
```

Background

The CSS property to change the background color of an element to Hex 48C33E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48C33E }
```

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

```
.background{ background-color:#48C33E }
```

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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