

# Converting Colors

Hex(48C478)

Have a look what the booklet for  
Hex(48C478) contains.

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# **Color**

**Hex(48C478)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48C478
RGB	72, 196, 120
RGB Percent	28%, 77%, 47%
CMY	0.7176, 0.2314, 0.5294
CMYK	0.63, 0.00, 0.39, 0.23
HSL	143°, 51%, 53%
HSV	143°, 63%, 77%
XYZ	25.8026, 42.2136, 24.5574
YIQ	150.2600, -49.5080, -49.9240

# Conversions

## Conversions Part 2

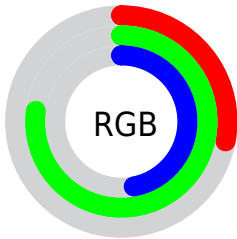
Format	Color
<a href="#">RYB</a>	<a href="#">72, 161, 196</a>
Decimal	<a href="#">4768888</a>
CIELab	<a href="#">71.02, -51.33, 28.29</a>
CIELCh	<a href="#">71, 58.606, 151.137</a>
Yxy	<a href="#">42.2136, 0.2787, 0.4560</a>
Android (android.graphics.Color)	<a href="#">4282958968 (0xFF48C478)</a>
YUV	<a href="#">150.2600, -14.9182, -68.6340</a>
Hunter-Lab	<a href="#">64.9720, -42.8127, 23.0706</a>

# Details

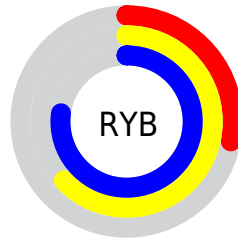
The Hex color **48C478** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **C44894**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **84FEAD**, and **008D46** is the 20% darker color. If you saturate the color by 10%, you get **34C46C**, and if you desaturate by 10%, it is **5CC484**.

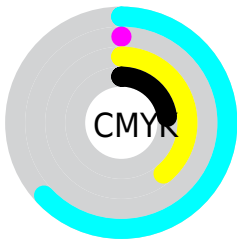
# Distribution



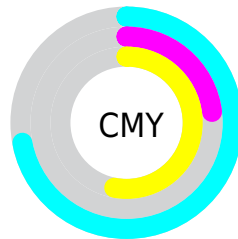
- Red (28%)
- Green (77%)
- Blue (47%)



- Red (28%)
- Yellow (63%)
- Blue (77%)



- Cyan (63%)
- Magenta (0%)
- Yellow (39%)
- Black (23%)



- Cyan (72%)
- Magenta (23%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48C478 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 48C478 by changing the saturation by 10% instead.



 48C478

 48C478

FFFFFF

 24A85F

 84FEAD

 008D46

 A2FFC9

 00732F

 BFFFE5

 005918

 DDFFFF

 004000

 FBFFFF

 002B00

 000700

 000000

 48C478

 48C478

 34C46C

 5CC484

 21C460

 6FC490

 0DC454

 83C49C

 00C44C

 96C4A8

 AAC4B4

 BEC4C0

 D1C4CC

 E5C4D8

 F8C4E4

# Harmonies

## Analogous

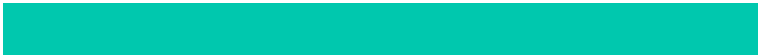
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93BB4D



48C478



00C8AE

# Triad

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



48C478



3DB3FF



FF857A

# Complementary

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



48C478



C44894

# 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.



FF7EAE



48C478



B39FFF

# Square

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



48C478



00C1FF



F18AE2



F49850

# Rectangle

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



48C478



00C8D3



F18AE2



FF818A

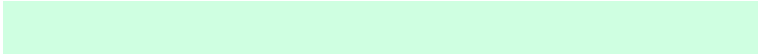


# Sweetspot

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



48C478



CFFFE1



94C448



62806E



000000



808080



# Same Dimension

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



48C478



3DFF88



48C4B6



57615B



00A13E



00210D



# Inverse Universe

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



C44894



FF3DB4



C44856



61575D



A10062



210014



# Previews

## White Background



This preview shows how the Hex color 48C478 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 48C478 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 48C478 Background



This preview shows how black text looks on a background with the Hex color 48C478.

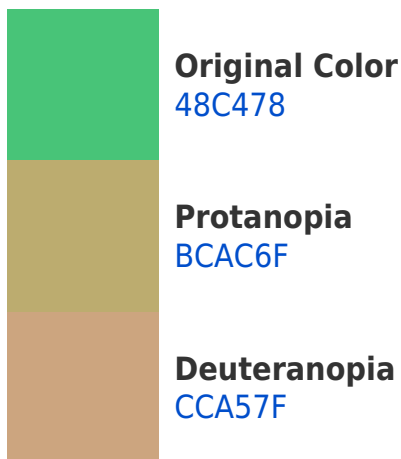


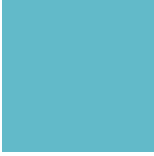
This preview shows how white text looks on a background with the Hex color 48C478.

# 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](#).

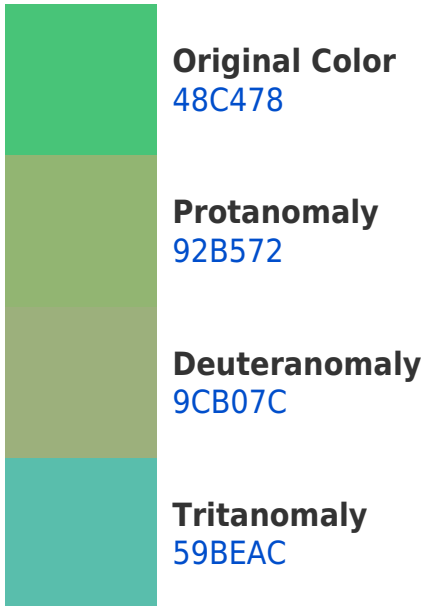
## Dichromacy



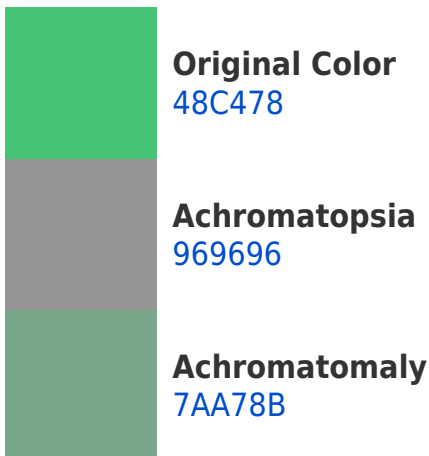


**Tritanopia**  
62BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48C478 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 #48C478 looks like.

```
.text, #text, p{  
    color:#48C478  
}
```

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 #48C478 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48C478
}
```

## Border

The CSS property to change the border of an element to Hex 48C478 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
#48C478 }
```

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

```
.border{ border-color:#48C478 }
```

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

Here you see how a box with a 4 pixel #48C478 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48C478; -webkit-box-shadow:4px 4px  
4px 4px #48C478; box-shadow:4px 4px 4px  
4px #48C478 }
```

# Background

The CSS property to change the background color of an element to Hex 48C478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48C478 }
```

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

```
.background{ background-color:#48C478 }
```

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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