

# Converting Colors

Hex(48BA4F)

Have a look what the booklet for  
Hex(48BA4F) contains.

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**Color**

**Hex(48BA4F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48BA4F
RGB	72, 186, 79
RGB Percent	28%, 73%, 31%
CMY	0.7176, 0.2706, 0.6902
CMYK	0.61, 0.00, 0.58, 0.27
HSL	124°, 45%, 51%
HSV	124°, 61%, 73%
XYZ	21.6427, 37.0600, 13.4098
YIQ	139.7160, -33.5970, -57.4450

# Conversions

## Conversions Part 2

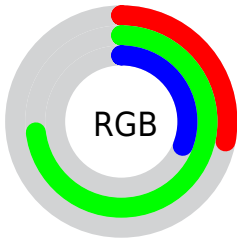
Format	Color
<a href="#">RYB</a>	<a href="#">72, 179, 186</a>
Decimal	<a href="#">4766287</a>
CIELab	<a href="#">67.32, -53.82, 44.15</a>
CIELCh	<a href="#">67, 69.616, 140.637</a>
Yxy	<a href="#">37.0600, 0.3001, 0.5139</a>
Android (android.graphics.Color)	<a href="#">4282956367</a> ( <a href="#">0xFF48BA4F</a> )
YUV	<a href="#">139.7160, -29.9330, -59.3869</a>
Hunter-Lab	<a href="#">60.8770, -43.0752, 29.5537</a>

# Details

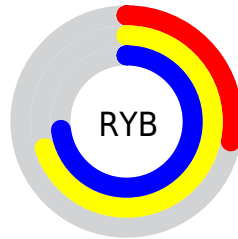
The Hex color **48BA4F** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BA48B3**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **84F383**, and **00841B** is the 20% darker color. If you saturate the color by 10%, you get **35BA3E**, and if you desaturate by 10%, it is **5BBA60**.

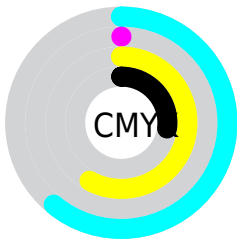
# Distribution



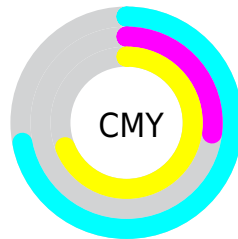
- Red (28%)
- Green (73%)
- Blue (31%)



- Red (28%)
- Yellow (70%)
- Blue (73%)



- Cyan (61%)
- Magenta (0%)
- Yellow (58%)
- Black (27%)



- Cyan (72%)
- Magenta (27%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48BA4F 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 48BA4F by changing the saturation by 10% instead.



 48BA4F

 48BA4F

FFFFFF

 259E35

 84F383

 00841B

 A1FF9E

 006900

 BEFFBA

 005000

 DCFFD6

 003800

 FAFFF3

 002100

 000000

 48BA4F

 48BA4F

 35BA3E

 5BBA60

 23BA2C

 6DBA72

 10BA1B

 80BA83

 00BA0B

 92BA95

 A5BAA6

 B8BAB8

 CABAC9

 DDBADB

 EFBAEC

# Harmonies

## Analogous

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



99AE19



48BA4F



00C08D

# Triad

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



48BA4F



00B1FF



FF697C

# Complementary

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



48BA4F



BA48B3

# 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.



FF68BA



48BA4F



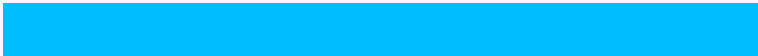
7D9CFF

# Square

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



48BA4F



00BDFE



DC7FF4



FF8043

# Rectangle

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



48BA4F



00C1B9



DC7FF4



FF6690

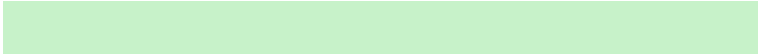


# Sweetspot

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



48BA4F



C7F2C9



B4BA48



5F7A61



FAFAFA



7A7A7A



# Same Dimension

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



48BA4F



3FF24A



48BA87



535C53



009C0A



001C02



# Inverse Universe

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



BA48B3



F23FE7



BA487B



5C535B



9C0092



1C001A



# Previews

## White Background



This preview shows how the Hex color 48BA4F looks on a white background.

## Color Contrast Check

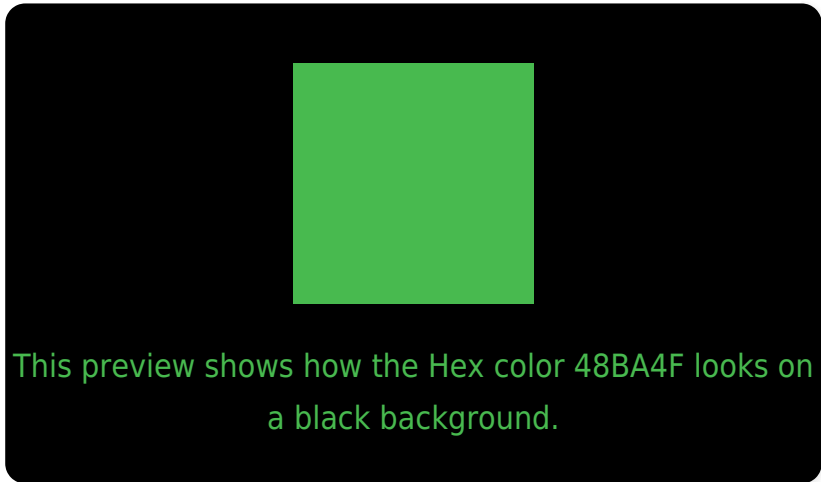
Large Text (above 18pt) WCAG AA × Fail

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

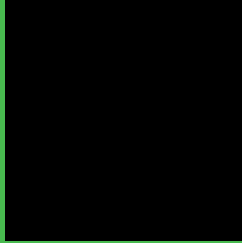
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 48BA4F Background



This preview shows how black text looks on a background with the Hex color 48BA4F.

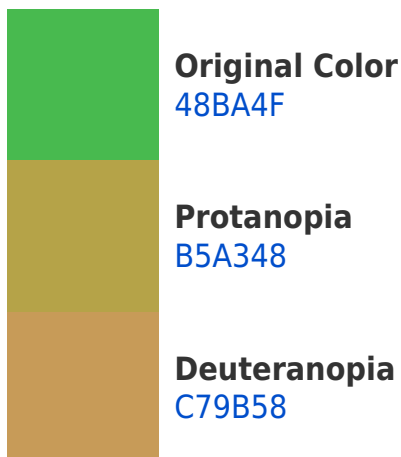


This preview shows how white text looks on a background with the Hex color 48BA4F.

# 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](#).

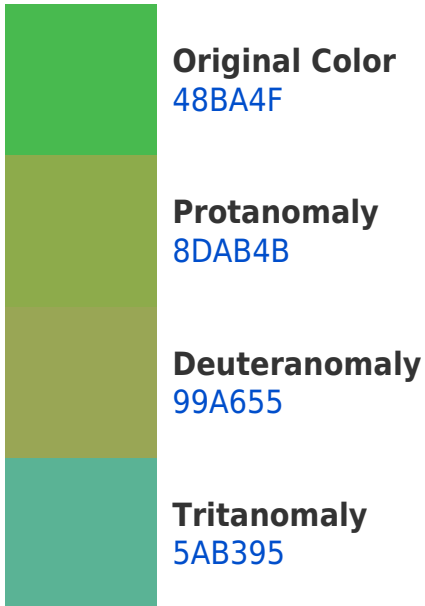
## Dichromacy



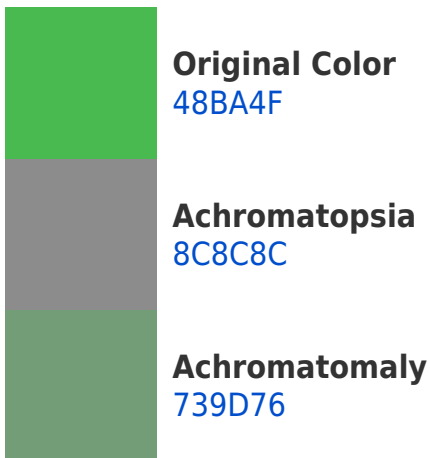


**Tritanopia**  
64AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48BA4F 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 #48BA4F looks like.

```
.text, #text, p{  
    color:#48BA4F  
}
```

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 #48BA4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48BA4F
}
```

## Border

The CSS property to change the border of an element to Hex 48BA4F 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
#48BA4F }
```

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

```
.border{ border-color:#48BA4F }
```

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

Here you see how a box with a 4 pixel #48BA4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48BA4F; -webkit-box-shadow:4px 4px  
4px 4px #48BA4F; box-shadow:4px 4px 4px  
4px #48BA4F }
```

# Background

The CSS property to change the background color of an element to Hex 48BA4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48BA4F }
```

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

```
.background{ background-color:#48BA4F }
```

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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