

# Converting Colors

Hex(48AC74)

Have a look what the booklet for  
Hex(48AC74) contains.

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**Color**

**Hex(48AC74)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48AC74
RGB	72, 172, 116
RGB Percent	28%, 67%, 45%
CMY	0.7176, 0.3255, 0.5451
CMYK	0.58, 0.00, 0.33, 0.33
HSL	146°, 41%, 48%
HSV	146°, 58%, 67%
XYZ	20.5774, 32.1437, 21.6428
YIQ	135.7160, -41.6240, -38.6160

# Conversions

## Conversions Part 2

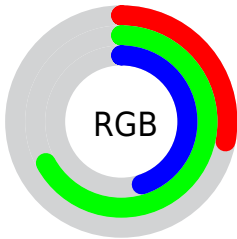
Format	Color
<a href="#">RYB</a>	<a href="#">72, 141, 172</a>
Decimal	<a href="#">4762740</a>
CIELab	<a href="#">63.46, -42.28, 20.28</a>
CIElCh	<a href="#">63, 46.890, 154.371</a>
Yxy	<a href="#">32.1437, 0.2767, 0.4322</a>
Android (android.graphics.Color)	<a href="#">4282952820 (0xFF48AC74)</a>
YUV	<a href="#">135.7160, -9.7200, -55.8789</a>
Hunter-Lab	<a href="#">56.6954, -34.4311, 17.0535</a>

# Details

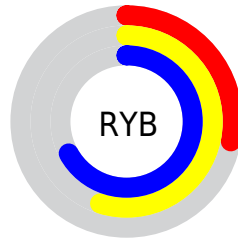
The Hex color **48AC74** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AC4880**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **81E4A8**, and **007743** is the 20% darker color. If you saturate the color by 10%, you get **37AC6A**, and if you desaturate by 10%, it is **59AC7E**.

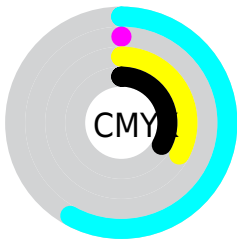
# Distribution



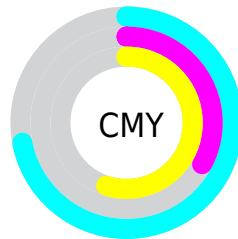
- Red (28%)
- Green (67%)
- Blue (45%)



- Red (28%)
- Yellow (55%)
- Blue (67%)



- Cyan (58%)
- Magenta (0%)
- Yellow (33%)
- Black (33%)



- Cyan (72%)
- Magenta (33%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48AC74 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 48AC74 by changing the saturation by 10% instead.





48AC74



48AC74

FFFFFF



29915B



81E4A8



007743



9DFFC4



005D2D



BAFFE0



004517



D7FFFC



002E00



F4FFFF



001400



000000



48AC74



48AC74



37AC6A



59AC7E

 26AC61

 6AAC87

 14AC57

 7CAC91

 03AC4D

 8DAC9B

 00AC4C

 9EACA4

 AFACAE

 C0ACB7

 D2ACC1

 E3ACCB

# Harmonies

## Analogous

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



81A552



48AC74



00AF9F

# Triad

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



48AC74



5C9CED



E47C6D

# Complementary

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



48AC74



AC4880

# 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.



E77695



48AC74



A58CDF

# Square

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



48AC74



00A8E4



D27DBF



CF8A4E

# Rectangle

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



48AC74



00AFBB



D27DBF



E8797A



# Sweetspot

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



48AC74



BAE0CB



81AC48



5A7064



F0F0F0



707070



# Same Dimension

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



48AC74



43E088



48ACA5



4E5752



009642



00170A



# Inverse Universe

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



AC4880



E0439B



AC484F



574E53



960054



17000D



# Previews

## White Background



This preview shows how the Hex color 48AC74 looks on a white background.

## Color Contrast Check

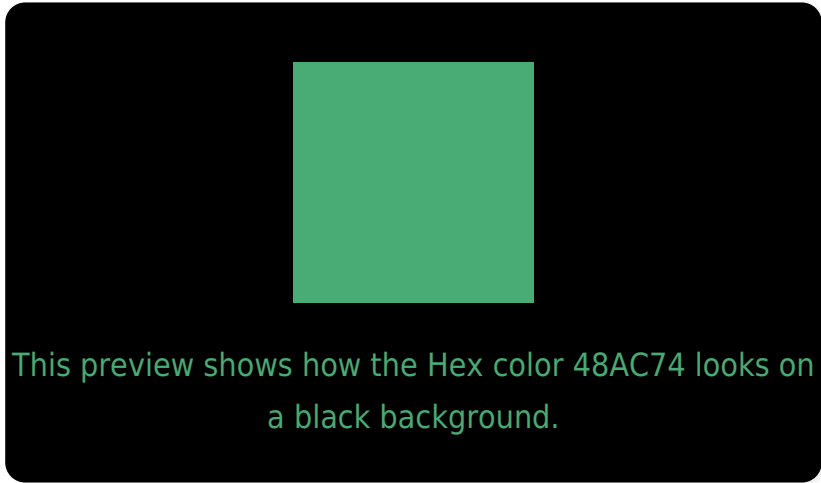
Large Text (above 18pt) WCAG AA × Fail

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

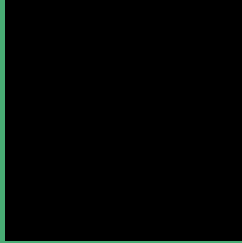
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 48AC74 Background



This preview shows how black text looks on a background with the Hex color 48AC74.

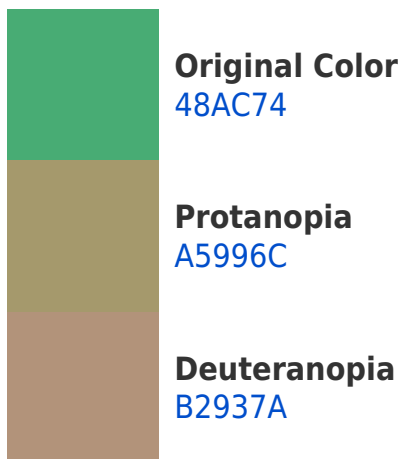


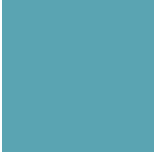
This preview shows how white text looks on a background with the Hex color 48AC74.

# 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](#).

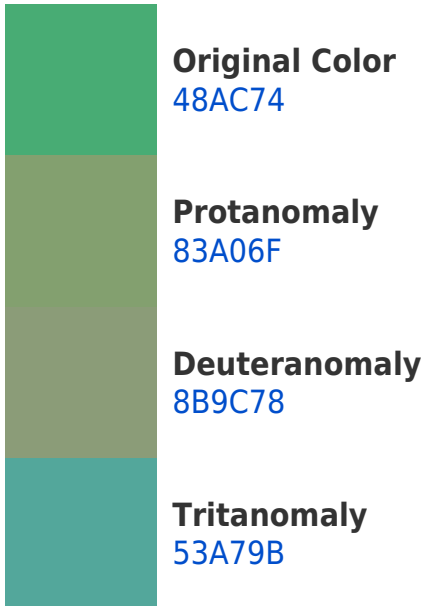
## Dichromacy



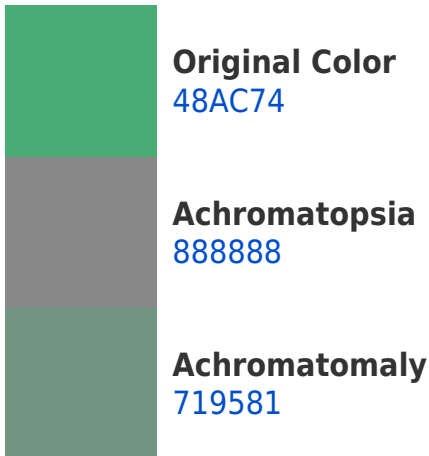


**Tritanopia**  
5AA4B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48AC74 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 #48AC74 looks like.

```
.text, #text, p{  
    color:#48AC74  
}
```

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 #48AC74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48AC74
}
```

## Border

The CSS property to change the border of an element to Hex 48AC74 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
#48AC74 }
```

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

```
.border{ border-color:#48AC74 }
```

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

Here you see how a box with a 4 pixel #48AC74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48AC74; -webkit-box-shadow:4px 4px  
4px 4px #48AC74; box-shadow:4px 4px 4px  
4px #48AC74 }
```

# Background

The CSS property to change the background color of an element to Hex 48AC74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48AC74 }
```

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

```
.background{ background-color:#48AC74 }
```

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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