

Converting Colors

Hex(48AE78)

Have a look what the booklet for
Hex(48AE78) contains.

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Color

Hex(48AE78)

Conversions

Conversions Part 1

Format	Color
Hex	48AE78
RGB	72, 174, 120
RGB Percent	28%, 68%, 47%
CMY	0.7176, 0.3176, 0.5294
CMYK	0.59, 0.00, 0.31, 0.32
HSL	148°, 41%, 48%
HSV	148°, 59%, 68%
XYZ	21.1987, 33.0059, 23.0228
YIQ	137.3460, -43.4580, -38.4180

Conversions

Conversions Part 2

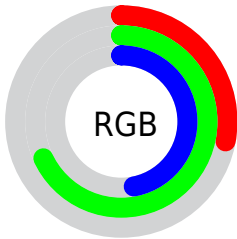
Format	Color
RYB	72, 141, 174
Decimal	4763256
CIELab	64.17, -42.32, 19.07
CIELCh	64, 46.417, 155.747
Yxy	33.0059, 0.2745, 0.4274
Android (android.graphics.Color)	4282953336 (0xFF48AE78)
YUV	137.3460, -8.5516, -57.3084
Hunter-Lab	57.4508, -34.6742, 16.4557

Details

The Hex color **48AE78** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AE487E**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **81E6AD**, and **007947** is the 20% darker color. If you saturate the color by 10%, you get **37AE6F**, and if you desaturate by 10%, it is **59AE81**.

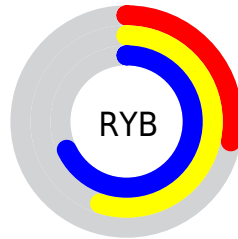
Distribution



Red (28%)

Green (68%)

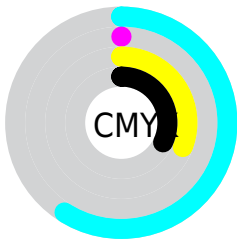
Blue (47%)



Red (28%)

Yellow (55%)

Blue (68%)

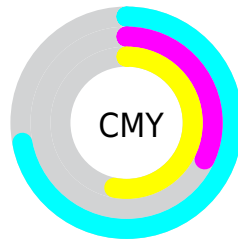


Cyan (59%)

Magenta (0%)

Yellow (31%)

Black (32%)



Cyan (72%)

Magenta (32%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48AE78 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 48AE78 by changing the saturation by 10% instead.



48AE78



48AE78

FFFFFF



28935F



81E6AD



007947



9DFFC8



005F30



BAFFE4



00461B



D7FFFF



002F02



F5FFFF



001700



000000



48AE78



48AE78



37AE6F




59AE81

 25AE66

 6BAE8A

 14AE5C

 7CAE94

 02AE53

 8EAE9D

 00AE52

 9FAEA6

 B0AEAF

 C2AEB8

 D3AEC2

 E5AECB

Harmonies

Analogous

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



81A756



48AE78



00B1A2

Triad

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



48AE78



639DEE



E57F6D

Complementary

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



48AE78



AE487E

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.



E97995



48AE78



A98EDF

Square

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



48AE78



00A9E6



D57FBE



CF8D50

Rectangle

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



48AE78



00B0BE



D57FBE



E97C7A

Sweetspot

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



48AE78



BAE3CD



7EAE48



5A7365



F2F2F2



737373

Same Dimension

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



48AE78



44E38F



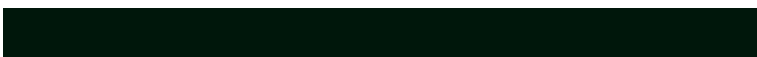
48AEAB



4E5752



009647



00170B

Inverse Universe

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



AE487E



E34498



AE484B



574E53



960050



17000C

Previews

White Background



This preview shows how the Hex color 48AE78 looks on a white background.

Color Contrast Check

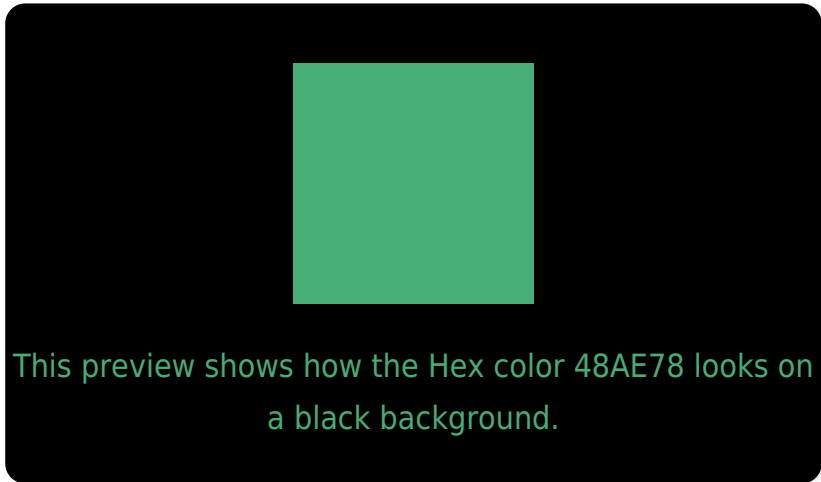
Large Text (above 18pt) WCAG AA × Fail

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

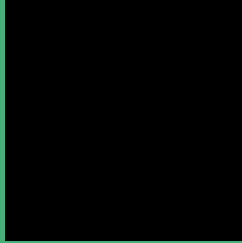
Any Text WCAG AA ✓ Pass

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 48AE78 Background



This preview shows how black text looks on a background with the Hex color 48AE78.

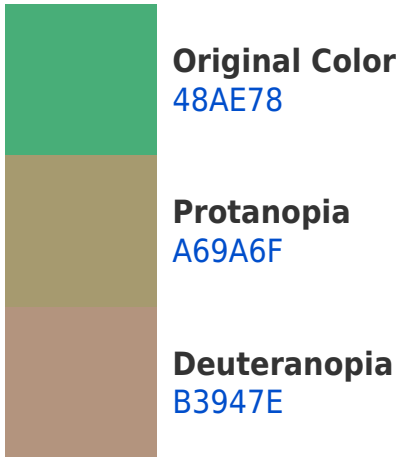


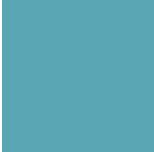
This preview shows how white text looks on a background with the Hex color 48AE78.

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](#).

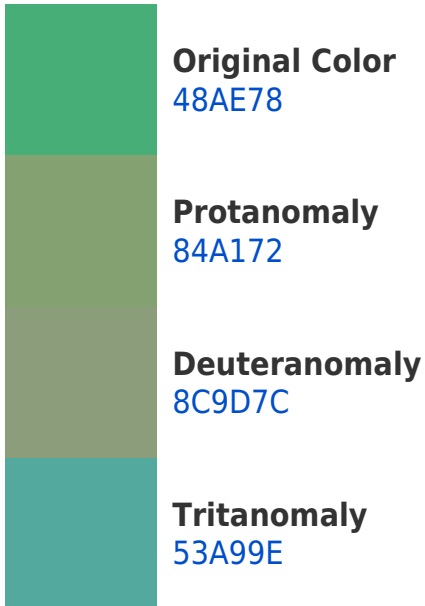
Dichromacy



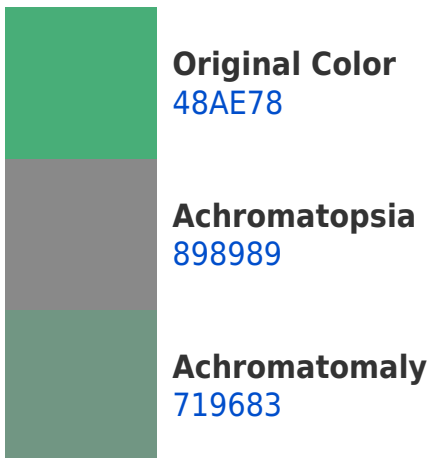


Tritanopia
5AA6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48AE78 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 #48AE78 looks like.

```
.text, #text, p{  
    color:#48AE78  
}
```

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 #48AE78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48AE78  
}
```

Border

The CSS property to change the border of an element to Hex 48AE78 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  
#48AE78 }
```

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

```
.border{ border-color:#48AE78 }
```

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

Here you see how a box with a 4 pixel #48AE78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48AE78; -webkit-box-shadow:4px 4px  
4px 4px #48AE78; box-shadow:4px 4px 4px  
4px #48AE78 }
```

Background

The CSS property to change the background color of an element to Hex 48AE78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48AE78 }
```

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

```
.background{ background-color:#48AE78 }
```

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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