

# Converting Colors

Hex(48EAAE)

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

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# Color

Hex(48EAAE)

# Conversions

## Conversions Part 1

Format	Color
Hex	48EAAE
RGB	72, 234, 174
RGB Percent	28%, 92%, 68%
CMY	0.7176, 0.0824, 0.3176
CMYK	0.69, 0.00, 0.26, 0.08
HSL	158°, 79%, 60%
HSV	158°, 69%, 92%
XYZ	39.7353, 63.2793, 50.1643
YIQ	178.7220, -77.2920, -53.0040

# Conversions

## Conversions Part 2

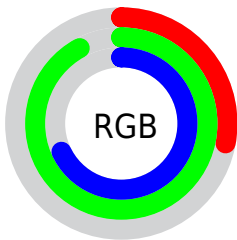
Format	Color
<a href="#">RYB</a>	<a href="#">72, 171, 234</a>
Decimal	<a href="#">4778670</a>
CIELab	<a href="#">83.59, -55.40, 17.24</a>
CIELCh	<a href="#">84, 58.017, 162.717</a>
Yxy	<a href="#">63.2793, 0.2594, 0.4131</a>
Android (android.graphics.Color)	<a href="#">4282968750 (0xFF48EAAE)</a>
YUV	<a href="#">178.7220, -2.3279, -93.5952</a>
Hunter-Lab	<a href="#">79.5483, -50.0468, 18.2947</a>

# Details

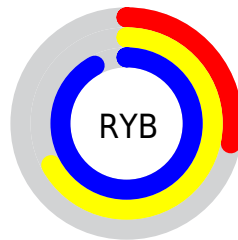
The Hex color **48EAAE** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **EA4884**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **8BFFE6**, and **00B179** is the 20% darker color. If you saturate the color by 10%, you get **31EAA5**, and if you desaturate by 10%, it is **5FEAB7**.

# Distribution



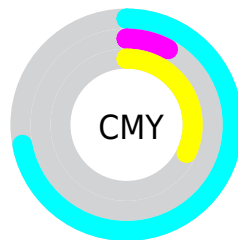
- Red (28%)
- Green (92%)
- Blue (68%)



- Red (28%)
- Yellow (67%)
- Blue (92%)



- Cyan (69%)
- Magenta (0%)
- Yellow (26%)
- Black (8%)



- Cyan (72%)
- Magenta (8%)
- Yellow (32%)

# Brightness & Saturation Gradients

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



 48EAAE

FFFFFF

 8BFFE6

 AAFFFF

 C9FFFF

 E7FFFF

 48EAAE

 16CD93

 00B179

 009660

 007B49

 006132

 00481C

 003104

 001500

 000000

 48EAAE

 48EAAE

 31EAA5

 5FEAB7

 19EA9D

 77EABF

 02EA94

 8EEAC8

 00EA93

 A6EAD1

 BDEAD9

 D4EAE2

 ECEAEB

 FFEAF3

 FFEAFC

# Harmonies

## Analogous

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



9EE27D



48EAAE



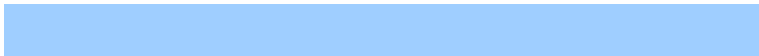
00ECE7

# Triad

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



48EAAE



9FCEFF



FFAE89

# Complementary

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



48EAAE



EA4884

# 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.



FFA3BB



48EAAE



F3B9FF

# Square

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



48EAAE



00DFFF



FFA7F2



FFC267

# Rectangle

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



48EAAE



00EBFF



FFA7F2



FFA998

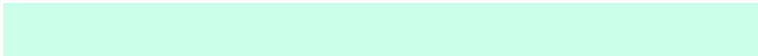


# Sweetspot

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



48EAAE



C9FFEB



86EA48



608074



000000



808080



# Same Dimension

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



48EAAE



2BFFB1



48D7EA



6A7571



00B572



003622



# Inverse Universe

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



EA4884



FF2B7A



EA5B48



756A6E



B50043

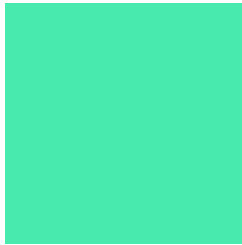


360014



# Previews

## White Background



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

## Color Contrast Check

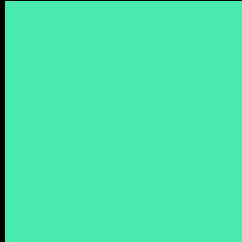
Large Text (above 18pt) WCAG AA × Fail

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 48EAAE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

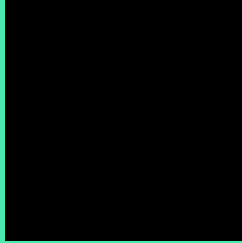
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 48EAAE Background



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

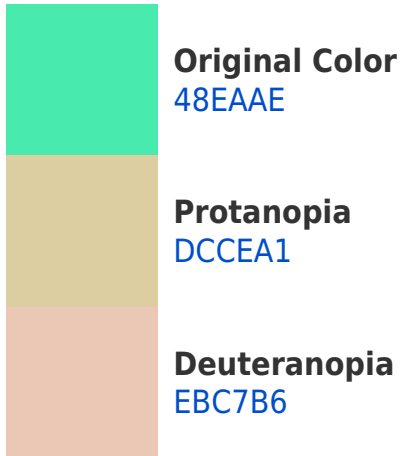


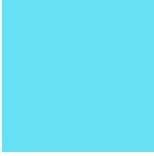
This preview shows how white text looks on a background with the Hex color 48EAAE.

# 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**  
65E1F3

# Trichromacy



**Original Color**  
48EAAE



**Protanomaly**  
A6D8A6



**Deuteranomaly**  
B0D4B3

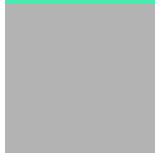


**Tritanomaly**  
5AE4DA

# Monochromacy



**Original Color**  
48EAAE



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
8CC7B1

# CSS Examples

## Text

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

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

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 #48EAAE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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