

# Converting Colors

Hex(48EACB)

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

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# Color

**Hex(48EACB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48EACB
RGB	72, 234, 203
RGB Percent	28%, 92%, 80%
CMY	0.7176, 0.0824, 0.2039
CMYK	0.69, 0.00, 0.13, 0.08
HSL	169°, 79%, 60%
HSV	169°, 69%, 92%
XYZ	42.8748, 64.5352, 66.6967
YIQ	182.0280, -86.6010, -43.9850

# Conversions

## Conversions Part 2

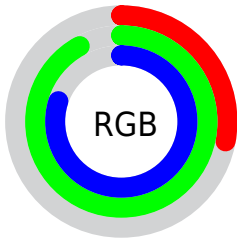
Format	Color
<a href="#">RYB</a>	<a href="#">72, 162, 234</a>
Decimal	<a href="#">4778699</a>
CIELab	<a href="#">84.24, -48.62, 2.98</a>
CIELCh	<a href="#">84, 48.712, 176.494</a>
Yxy	<a href="#">64.5352, 0.2463, 0.3707</a>
Android (android.graphics.Color)	<a href="#">4282968779</a> ( <a href="#">0xFF48EACB</a> )
YUV	<a href="#">182.0280, 10.3392, -96.4946</a>
Hunter-Lab	<a href="#">80.3338, -45.3172, 7.0084</a>

# Details

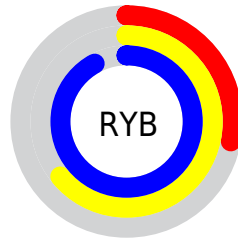
The Hex color **48EACB** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **EA4867**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **8CFFFF**, and **00B195** is the 20% darker color. If you saturate the color by 10%, you get **31EAC7**, and if you desaturate by 10%, it is **5FEACF**.

# Distribution



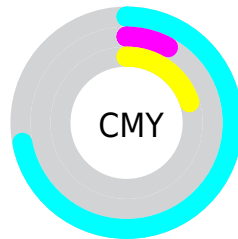
- Red (28%)
- Green (92%)
- Blue (80%)



- Red (28%)
- Yellow (64%)
- Blue (92%)



- Cyan (69%)
- Magenta (0%)
- Yellow (13%)
- Black (8%)



- Cyan (72%)
- Magenta (8%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



 48EACB

 48EACB


FFFFFF

 13CDB0

 8CFFFF

 00B195

 ABFFFF

 00967B

 CAFFFF

 007B62

 E9FFFF

 00614B

 004834

 00311F

 001807

 000000

 48EACB

 48EACB

 31EAC7

 5FEACF

 19EAC2

 77EAD4

 02EABE

 8EEAD8

 00EABD

 A6EADD

 BDEAE1

 D4EAE6

 ECEAEA

 FFEAEF

 FFEAF3

# Harmonies

## Analogous

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



8FE59E



48EACB



00EAFA

# Triad

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



48EACB



CFC8FF



FFBD87

# Complementary

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



48EACB



EA4867

# 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.



FFB1AC



48EACB



FFB8FF

# Square

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



48EACB



81D8FF



FFAED9



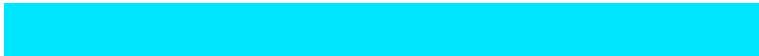
F4CE75

# Rectangle

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



48EACB



00E6FF



FFAED9



FFB891

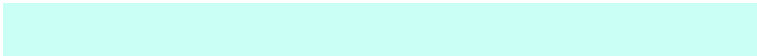


# Sweetspot

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



48EACB



C9FFF5



68EA48



608079



000000



808080



# Same Dimension

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



48EACB



2BFFD6



48B9EA



6A7573



00B592



00362B



# Inverse Universe

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



EA4867



FF2B54



EA7948



756A6C



B50023

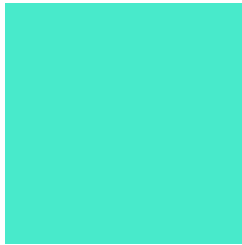


36000A



# Previews

## White Background



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

## Color Contrast Check

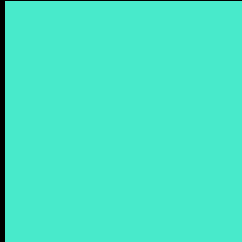
Large Text (above 18pt) WCAG AA × Fail

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 48EACB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

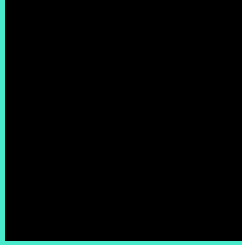
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

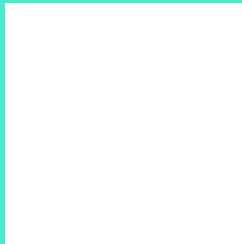
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 48EACB Background



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

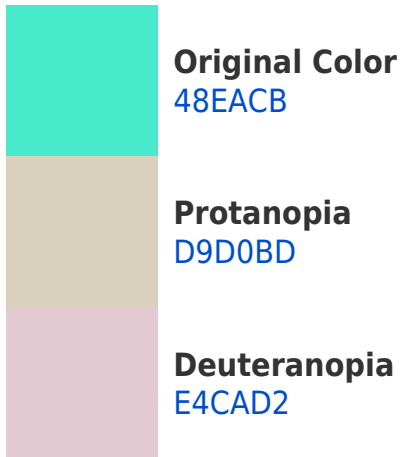


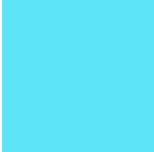
This preview shows how white text looks on a background with the Hex color 48EACB.

# 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](#).

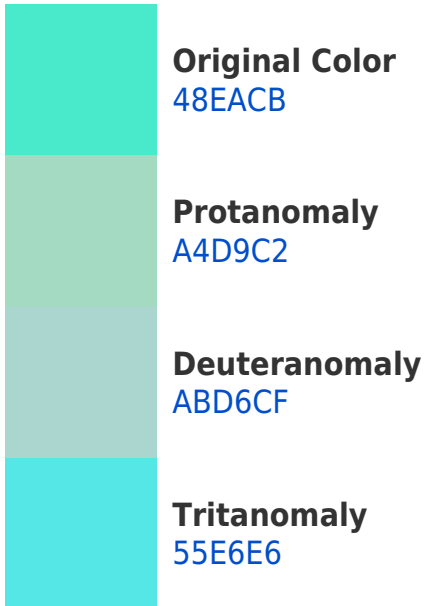
## Dichromacy





**Tritanopia**  
5DE4F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #48EACB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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