

Converting Colors

Hex(48EBA4)

Have a look what the booklet for
Hex(48EBA4) contains.

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Color

Hex(48EBA4)

Conversions

Conversions Part 1

Format	Color
Hex	48EBA4
RGB	72, 235, 164
RGB Percent	28%, 92%, 64%
CMY	0.7176, 0.0784, 0.3569
CMYK	0.69, 0.00, 0.30, 0.08
HSL	154°, 80%, 60%
HSV	154°, 69%, 92%
XYZ	39.0817, 63.4747, 45.3140
YIQ	178.1690, -74.3570, -56.6370

Conversions

Conversions Part 2

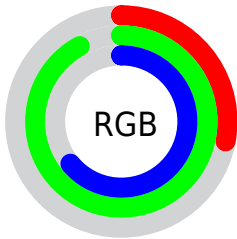
Format	Color
RYB	72, 176, 235
Decimal	4778916
CIELab	83.69, -57.90, 22.56
CIELCh	84, 62.140, 158.711
Yxy	63.4747, 0.2643, 0.4293
Android (android.graphics.Color)	4282968996 (0xFF48EBA4)
YUV	178.1690, -6.9853, -93.1102
Hunter-Lab	79.6710, -51.8633, 22.0477

Details

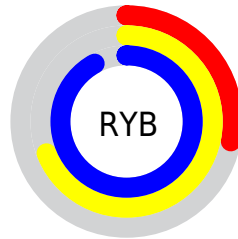
The Hex color **48EBA4** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted spring green. A complement of this color would be **EB488F**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **8BFFDB**, and **00B270** is the 20% darker color. If you saturate the color by 10%, you get **31EB9A**, and if you desaturate by 10%, it is **60EBAE**.

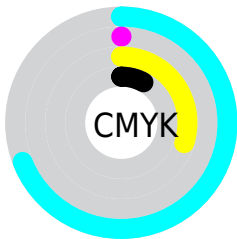
Distribution



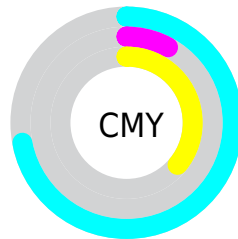
- Red (28%)
- Green (92%)
- Blue (64%)



- Red (28%)
- Yellow (69%)
- Blue (92%)



- Cyan (69%)
- Magenta (0%)
- Yellow (30%)
- Black (8%)



- Cyan (72%)
- Magenta (8%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48EBA4 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 48EBA4 by changing the saturation by 10% instead.

 48EBA4

 48EBA4

FFFFFF

 16CE8A

 8BFFDB

 00B270

 AAFF8

 009657

 C9FFFF

 007C3F

 E7FFFF

 006129

 004813

 003100

 001500

 000000

 48EBA4

 48EBA4

 31EB9A

 60EBAE

 19EB90

 77EBB8

 02EB85

 8FEBC3

 00EB85

 A6EBCD

 BDEBD7

 D5EBE1

 ECEBEC

 FFEBF6

 FFEBF6

Harmonies

Analogous

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



A3E271



48EBA4



00EEEE

Triad

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



48EBA4



89D1FF



FFA98A

Complementary

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



48EBA4



EB488F

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.



FF9EC2



48EBA4



EBBAFF

Square

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



48EBA4



00E2FF



FFA5FC



FFBE62

Rectangle

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



48EBA4



00EDFF



FFA5FC



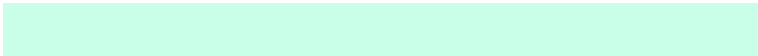
FFA49C

Sweetspot

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



48EBA4



C9FFE8



91EB48



608072



000000



808080

Same Dimension

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



48EBA4



2BFFA3



48E3EB



6A7570



00B566



00361E

Inverse Universe

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



EB488F



FF2B88



EB5048



756A6F



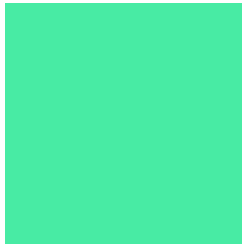
B5004F



360017

Previews

White Background



This preview shows how the Hex color 48EBA4 looks on a white background.

Color Contrast Check

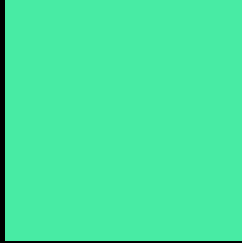
Large Text (above 18pt) WCAG AA × Fail

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 48EBA4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

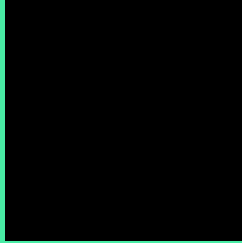
Any Text WCAG AA ✓ Pass

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 48EBA4 Background



This preview shows how black text looks on a background with the Hex color 48EBA4.

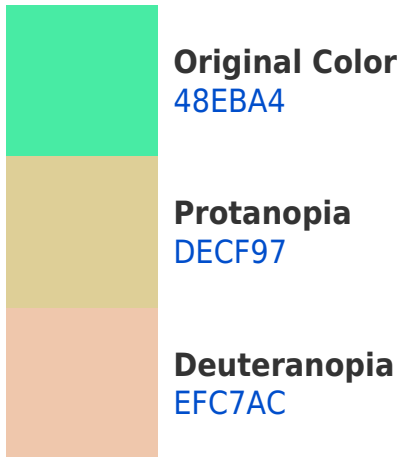


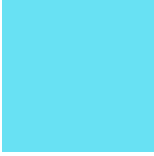
This preview shows how white text looks on a background with the Hex color 48EBA4.

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
68E1F3

Trichromacy



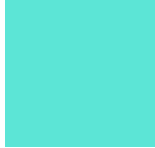
Original Color
48EBA4



Protanomaly
A7D99C



Deuteranomaly
B2D4A9



Tritanomaly
5CE5D6

Monochromacy



Original Color
48EBA4



Achromatopsia
B2B2B2



Achromatomaly
8BC7AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 48EBA4 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 #48EBA4 looks like.

```
.text, #text, p{  
    color:#48EBA4  
}
```

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 #48EBA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48EBA4
}
```

Border

The CSS property to change the border of an element to Hex 48EBA4 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
#48EBA4 }
```

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

```
.border{ border-color:#48EBA4 }
```

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

Here you see how a box with a 4 pixel #48EBA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48EBA4; -webkit-box-shadow:4px 4px  
4px 4px #48EBA4; box-shadow:4px 4px 4px  
4px #48EBA4 }
```

Background

The CSS property to change the background color of an element to Hex 48EBA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48EBA4 }
```

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

```
.background{ background-color:#48EBA4 }
```

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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