

Converting Colors

Hex(48E6CF)

Have a look what the booklet for
Hex(48E6CF) contains.

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Color

Hex(48E6CF)

Conversions

Conversions Part 1

Format	Color
Hex	48E6CF
RGB	72, 230, 207
RGB Percent	28%, 90%, 81%
CMY	0.7176, 0.0980, 0.1882
CMYK	0.69, 0.00, 0.10, 0.10
HSL	171°, 76%, 59%
HSV	171°, 69%, 90%
XYZ	42.2318, 62.4763, 68.8648
YIQ	180.1360, -86.7850, -40.6490

Conversions

Conversions Part 2

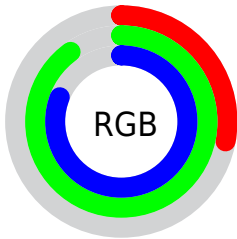
Format	Color
RYB	72, 157, 230
Decimal	4777679
CIELab	83.17, -45.90, -0.70
CIELCh	83, 45.908, 180.873
Yxy	62.4763, 0.2433, 0.3599
Android (android.graphics.Color)	4282967759 (0xFF48E6CF)
YUV	180.1360, 13.2440, -94.8353
Hunter-Lab	79.0420, -42.9517, 3.6734

Details

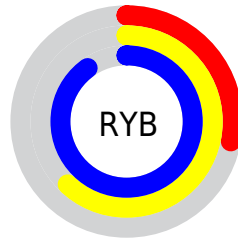
The Hex color **48E6CF** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **E6485F**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **8CFFFF**, and **00AE99** is the 20% darker color. If you saturate the color by 10%, you get **31E6CC**, and if you desaturate by 10%, it is **5FE6D2**.

Distribution



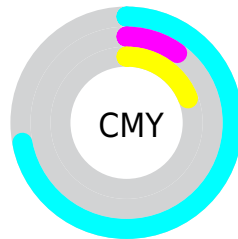
- Red (28%)
- Green (90%)
- Blue (81%)



- Red (28%)
- Yellow (62%)
- Blue (90%)



- Cyan (69%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)



- Cyan (72%)
- Magenta (10%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48E6CF 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 48E6CF by changing the saturation by 10% instead.

 48E6CF

 48E6CF

FFFFFF

 14C9B4

 8CFFFF

 00AE99

 ABFFFF

 00927F

 CAFFFF

 007866

 E9FFFF

 005E4E

 004537

 002F22

 00140C

 000000

 48E6CF

 48E6CF

 31E6CC

 5FE6D2

 1AE6C8

 76E6D6

 03E6C5

 8DE6D9

 00E6C5

 A4E6DC

 BBE6E0

 D2E6E3

 E9E6E6

 FFE6EA

 FFE6ED

Harmonies

Analogous

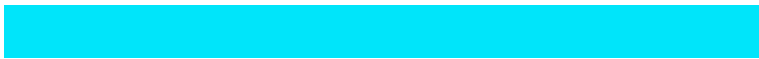
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89E2A4



48E6CF



00E5FA

Triad

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



48E6CF



D5C3FF



FFBE85

Complementary

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



48E6CF



E6485F

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.



FFB1A5



48E6CF



FFB5FA

Square

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



48E6CF



91D3FF



FFADD0



EACD78

Rectangle

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



48E6CF



01E1FF



FFADD0



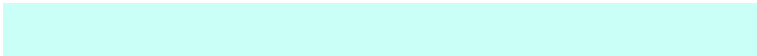
FFB98E

Sweetspot

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



48E6CF



C9FFF7



60E648



60807B



000000



808080

Same Dimension

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



48E6CF



2EFFE1



48AFE6



677371



00B399



00332C

Inverse Universe

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



E6485F



FF2E4C



E67F48



736769



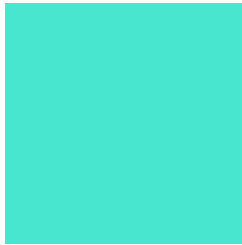
B3001A



330007

Previews

White Background



This preview shows how the Hex color 48E6CF looks on a white background.

Color Contrast Check

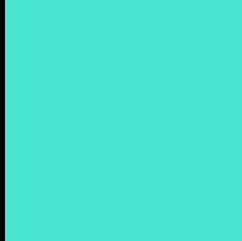
Large Text (above 18pt) WCAG AA × Fail

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 48E6CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

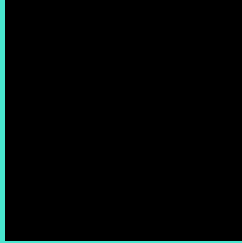
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

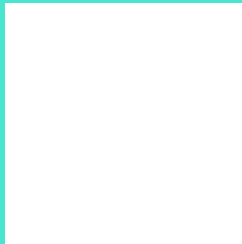
Any Text WCAG AAA ✓ Pass

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

Hex 48E6CF Background



This preview shows how black text looks on a background with the Hex color 48E6CF.



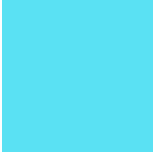
This preview shows how white text looks on a background with the Hex color 48E6CF.

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



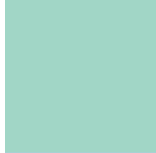


Tritanopia
5AE1F3

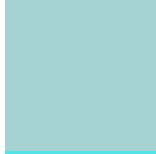
Trichromacy



Original Color
48E6CF



Protanomaly
A1D6C6



Deuteranomaly
A7D2D3

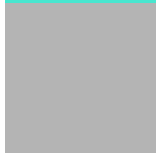


Tritanomaly
53E3E6

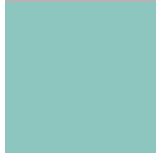
Monochromacy



Original Color
48E6CF



Achromatopsia
B4B4B4



Achromatomaly
8DC6BE

CSS Examples

Text

The CSS property to change the color of the text to Hex 48E6CF 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 #48E6CF looks like.

```
.text, #text, p{  
    color:#48E6CF  
}
```

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 #48E6CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48E6CF
}
```

Border

The CSS property to change the border of an element to Hex 48E6CF 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
#48E6CF }
```

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

```
.border{ border-color:#48E6CF }
```

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

Here you see how a box with a 4 pixel #48E6CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48E6CF; -webkit-box-shadow:4px 4px  
4px 4px #48E6CF; box-shadow:4px 4px 4px  
4px #48E6CF }
```

Background

The CSS property to change the background color of an element to Hex 48E6CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48E6CF }
```

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

```
.background{ background-color:#48E6CF }
```

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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