

# Converting Colors

Hex(48E0ED)

Have a look what the booklet for  
Hex(48E0ED) contains.

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# **Color**

**Hex(48E0ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48E0ED
RGB	72, 224, 237
RGB Percent	28%, 88%, 93%
CMY	0.7176, 0.1216, 0.0706
CMYK	0.70, 0.05, 0.00, 0.07
HSL	185°, 82%, 61%
HSV	185°, 70%, 93%
XYZ	44.6142, 60.8035, 89.5056
YIQ	180.0340, -94.7650, -28.1810

# Conversions

## Conversions Part 2

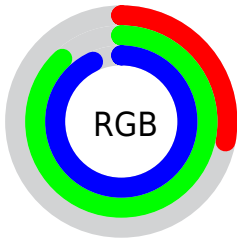
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 151, 237
Decimal	4776173
CIELab	82.27, -35.01, -17.92
CIElCh	82, 39.328, 207.102
Yxy	60.8035, 0.2289, 0.3119
Android (android.graphics.Color)	4282966253 (0xFF48E0ED)
YUV	180.0340, 28.0842, -94.7458
Hunter-Lab	77.9766, -34.3304, -13.4726

# Details

The Hex color **48E0ED** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **ED5548**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **8DFFFF**, and **00A8B5** is the 20% darker color. If you saturate the color by 10%, you get **30DEED**, and if you desaturate by 10%, it is **60E2ED**.

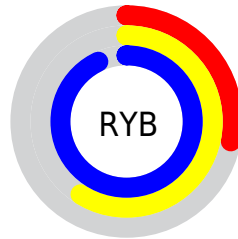
# Distribution



Red (28%)

Green (88%)

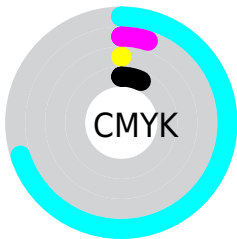
Blue (93%)



Red (28%)

Yellow (59%)

Blue (93%)

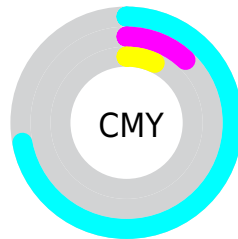


Cyan (70%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (72%)

Magenta (12%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48E0ED 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 48E0ED by changing the saturation by 10% instead.



 48E0ED

 48E0ED

FFFFFF

 0FC4D1

 8DFFFF

 00A8B5

 ADFFFF

 008D9A

 CCFFFF

 007380

 EBFFFF

 005A67

 00424F

 002B38

 001123

 00000B

 48E0ED

 48E0ED

 30DEED

 60E2ED

 19DCED

 77E4ED

 01DAED

 8FE6ED

 00DAED

 A7E7ED

 BEE9ED

 D6EBED

 EEDEED

 FFEFED

 FFF1ED

# Harmonies

## Analogous

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



6AE0C8



48E0ED



5BDBFF

# Triad

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



48E0ED



F8B8F5



E9C983

# Complementary

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



48E0ED



ED5548

# 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.



FFBD90



48E0ED



FFB1D2

# Square

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



48E0ED



CCC4FF



FFB3AD



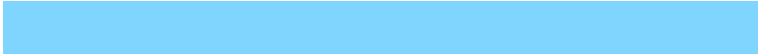
C3D58A

# Rectangle

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



48E0ED



80D5FF



FFB3AD



F4C585



# Sweetspot

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



48E0ED



C9FBFF



48ED53



607D80



000000



808080

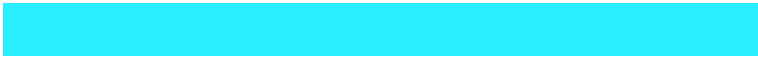


# Same Dimension

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



48E0ED



29EEFF



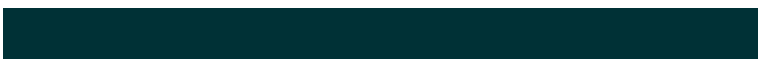
4890ED



6A7475



00A7B5



003136



# Inverse Universe

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



ED48E0



FF29EE



EDA548



756A74



B500A7

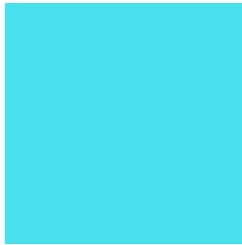


360031



# Previews

## White Background



This preview shows how the Hex color 48E0ED looks on a white background.

## Color Contrast Check

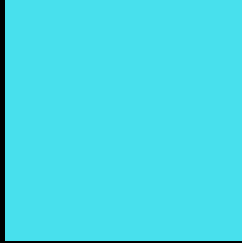
Large Text (above 18pt) WCAG AA × Fail

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 48E0ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

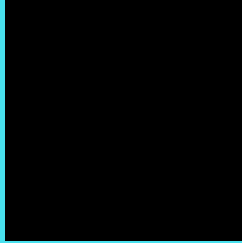
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 48E0ED Background



This preview shows how black text looks on a background with the Hex color 48E0ED.

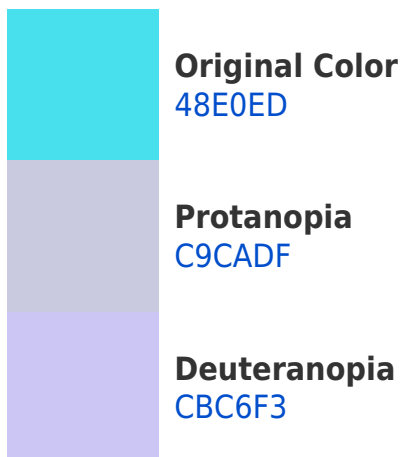


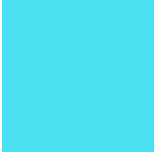
This preview shows how white text looks on a background with the Hex color 48E0ED.

# 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



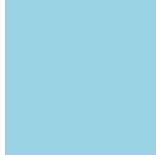


**Tritanopia**  
4BDF1

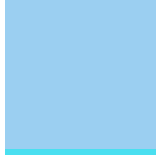
# Trichromacy



**Original Color**  
48E0ED



**Protanomaly**  
9AD2E4



**Deuteranomaly**  
9BCFF1

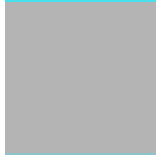


**Tritanomaly**  
4ADFF0

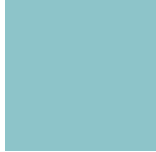
# Monochromacy



**Original Color**  
48E0ED



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
8DC4C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48E0ED 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 #48E0ED looks like.

```
.text, #text, p{  
    color:#48E0ED  
}
```

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 #48E0ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48E0ED
}
```

## Border

The CSS property to change the border of an element to Hex 48E0ED 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
#48E0ED }
```

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

```
.border{ border-color:#48E0ED }
```

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

Here you see how a box with a 4 pixel #48E0ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48E0ED; -webkit-box-shadow:4px 4px  
4px 4px #48E0ED; box-shadow:4px 4px 4px  
4px #48E0ED }
```

# Background

The CSS property to change the background color of an element to Hex 48E0ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48E0ED }
```

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

```
.background{ background-color:#48E0ED }
```

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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