

Converting Colors

Hex(48E2D4)

Have a look what the booklet for
Hex(48E2D4) contains.

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Color

Hex(48E2D4)

Conversions

Conversions Part 1

Format	Color
Hex	48E2D4
RGB	72, 226, 212
RGB Percent	28%, 89%, 83%
CMY	0.7176, 0.1137, 0.1686
CMYK	0.68, 0.00, 0.06, 0.11
HSL	175°, 73%, 58%
HSV	175°, 68%, 89%
XYZ	41.7525, 60.5239, 71.7690
YIQ	178.3580, -87.2900, -37.0020

Conversions

Conversions Part 2

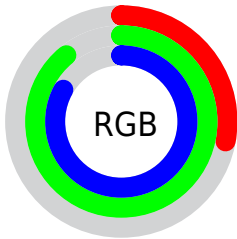
Format	Color
RYB	72, 153, 226
Decimal	4776660
CIELab	82.12, -42.85, -4.88
CIELCh	82, 43.129, 186.497
Yxy	60.5239, 0.2399, 0.3477
Android (android.graphics.Color)	4282966740 (0xFF48E2D4)
YUV	178.3580, 16.5855, -93.2760
Hunter-Lab	77.7971, -40.3467, -0.2380

Details

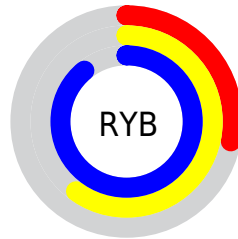
The Hex color **48E2D4** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **E24856**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **8BFFFF**, and **00AA9E** is the 20% darker color. If you saturate the color by 10%, you get **31E2D2**, and if you desaturate by 10%, it is **5FE2D6**.

Distribution



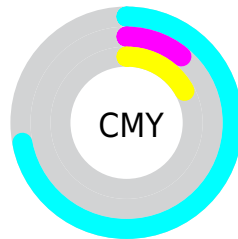
- Red (28%)
- Green (89%)
- Blue (83%)



- Red (28%)
- Yellow (60%)
- Blue (89%)



- Cyan (68%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (72%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48E2D4 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 48E2D4 by changing the saturation by 10% instead.

 48E2D4

 48E2D4

FFFFFF

 15C6B8

 8BFFFF

 00AA9E

 ABFFFF

 008F83

 C9FFFF


 00756A

 E8FFFF

 005B52

 00433B

 002C26

 000F12

 000000

 48E2D4

 48E2D4

 31E2D2

 5FE2D6

 1BE2D0

 75E2D8

 04E2CE

 8CE2DA

 00E2CD

 A2E2DC

 B9E2DE

 D0E2E0

 E6E2E2

 FDE2E4

 FFE2E6

Harmonies

Analogous

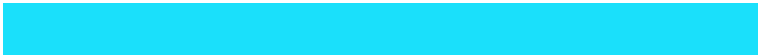
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81DFAB



48E2D4



1AE0FB

Triad

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



48E2D4



DCBFFF



FFBF83

Complementary

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



48E2D4



E24856

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.



FFB29E



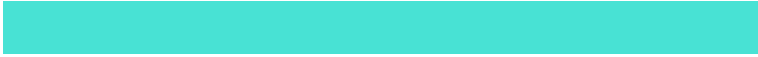
48E2D4



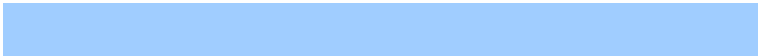
FFB2ED

Square

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



48E2D4



A0CDFF



FFADC5



DECD7B

Rectangle

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



48E2D4



40DCFF



FFADC5



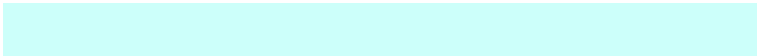
FFBA8A

Sweetspot

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



48E2D4



CCFFFA



57E248



61807D



000000



808080

Same Dimension

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



48E2D4



2EFFEC



48A4E2



65706F



00B0A0



00302C

Inverse Universe

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



E24856



FF2E41



E28648



706566



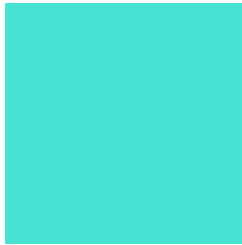
B00010



300004

Previews

White Background



This preview shows how the Hex color 48E2D4 looks on a white background.

Color Contrast Check

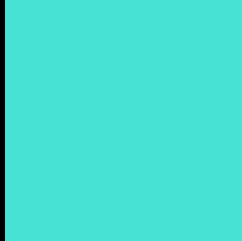
Large Text (above 18pt) WCAG AA × Fail

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 48E2D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

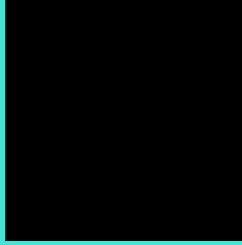
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

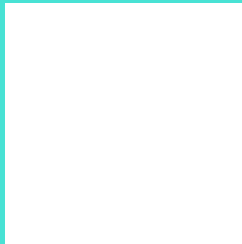
Any Text WCAG AAA ✓ Pass

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

Hex 48E2D4 Background



This preview shows how black text looks on a background with the Hex color 48E2D4.

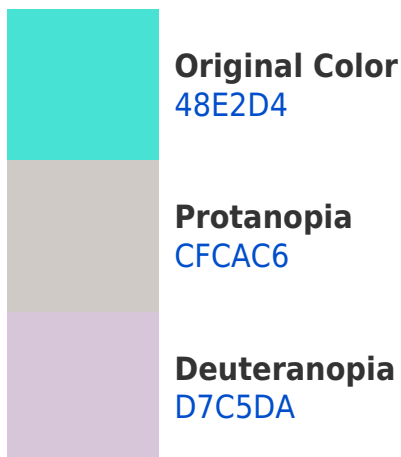


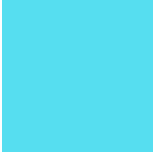
This preview shows how white text looks on a background with the Hex color 48E2D4.

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](#).

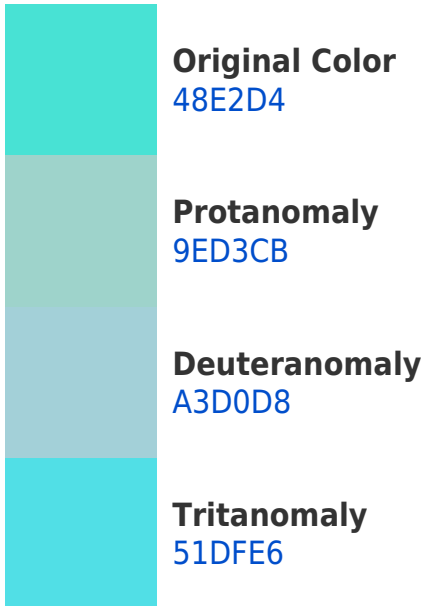
Dichromacy





Tritanopia
56DEF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48E2D4 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 #48E2D4 looks like.

```
.text, #text, p{  
    color:#48E2D4  
}
```

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 #48E2D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48E2D4
}
```

Border

The CSS property to change the border of an element to Hex 48E2D4 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
#48E2D4 }
```

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

```
.border{ border-color:#48E2D4 }
```

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

Here you see how a box with a 4 pixel #48E2D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48E2D4; -webkit-box-shadow:4px 4px  
4px 4px #48E2D4; box-shadow:4px 4px 4px  
4px #48E2D4 }
```

Background

The CSS property to change the background color of an element to Hex 48E2D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48E2D4 }
```

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

```
.background{ background-color:#48E2D4 }
```

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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