

Converting Colors

Hex(48D8C0)

Have a look what the booklet for
Hex(48D8C0) contains.

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Color

Hex(48D8C0)

Conversions

Conversions Part 1

Format	Color
Hex	48D8C0
RGB	72, 216, 192
RGB Percent	28%, 85%, 75%
CMY	0.7176, 0.1529, 0.2471
CMYK	0.67, 0.00, 0.11, 0.15
HSL	170°, 65%, 56%
HSV	170°, 67%, 85%
XYZ	36.7428, 54.2952, 58.4127
YIQ	170.2080, -78.1200, -37.9920

Conversions

Conversions Part 2

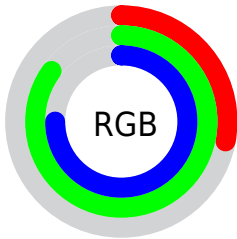
Format	Color
RYB	72, 151, 216
Decimal	4774080
CIELab	78.63, -43.67, 0.65
CIELCh	79, 43.674, 179.145
Yxy	54.2952, 0.2459, 0.3633
Android (android.graphics.Color)	4282964160 (0xFF48D8C0)
YUV	170.2080, 10.7435, -86.1284
Hunter-Lab	73.6853, -39.9412, 4.5787




Details

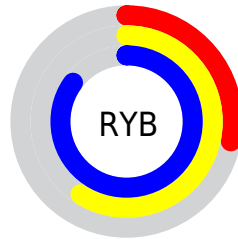
The Hex color **48D8C0** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **D84860**, and the grayscale version is **AAAAAA**.




A 20% lighter version of the original color is **89FFF8**, and **00A08B** is the 20% darker color. If you saturate the color by 10%, you get **32D8BC**, and if you desaturate by 10%, it is **5ED8C4**.

Distribution







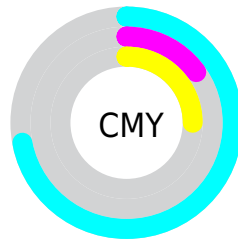
-  Red (28%)
-  Green (85%)
-  Blue (75%)






-  Red (28%)
-  Yellow (59%)
-  Blue (85%)



-  Cyan (67%)
-  Magenta (0%)
-  Yellow (11%)
-  Black (15%)



-  Cyan (72%)
-  Magenta (15%)
-  Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48D8C0 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 48D8C0 by changing the saturation by 10% instead.

 48D8C0

 48D8C0

FFFFFF

 1BBCA5

 89FFF8

 00A08B

 A7FFFF

 008671

 C6FFFF

 006C59

 E4FFFF

 005242

 003A2C

 002517

 000000

 48D8C0

 48D8C0

■ 32D8BC

■ 5ED8C4

■ 1DD8B9

■ 73D8C7

■ 07D8B5

■ 89D8CB

■ 00D8B4

■ 9ED8CE

■ B4D8D2

■ CAD8D6

■ DFD8D9

■ F5D8DD

■ FFD8E0

Harmonies

Analogous

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



83D498



48D8C0



00D7E9

Triad

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



48D8C0



C5B8FF



FEB27E

Complementary

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



48D8C0



D84860

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.



FFA69D



48D8C0



F5AAED

Square

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



48D8C0



84C7FF



FFA3C5



DEC070

Rectangle

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



48D8C0



00D4FF



FFA3C5



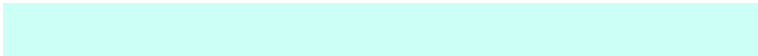
FFAD87

Sweetspot

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



48D8C0



CCFFF6



60D848



61807A



000000



808080

Same Dimension

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



48D8C0



33FFDD



48A8D8



606B69



00AB8E



002B24

Inverse Universe

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



D84860



FF3355



D87848



6B6062



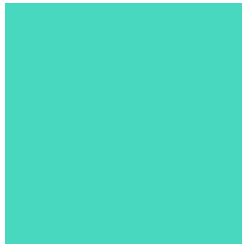
AB001C



2B0007

Previews

White Background



This preview shows how the Hex color 48D8C0 looks on a white background.

Color Contrast Check

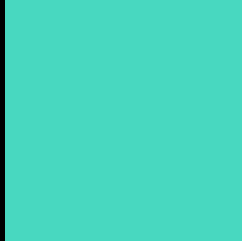
Large Text (above 18pt) WCAG AA × Fail

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 48D8C0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

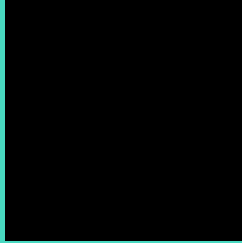
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

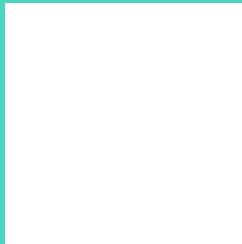
Any Text WCAG AAA ✓ Pass

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

Hex 48D8C0 Background



This preview shows how black text looks on a background with the Hex color 48D8C0.



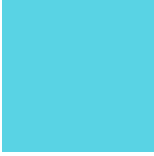
This preview shows how white text looks on a background with the Hex color 48D8C0.

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
59D3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48D8C0 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 #48D8C0 looks like.

```
.text, #text, p{  
    color:#48D8C0  
}
```

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 #48D8C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48D8C0
}
```

Border

The CSS property to change the border of an element to Hex 48D8C0 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
#48D8C0 }
```

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

```
.border{ border-color:#48D8C0 }
```

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

Here you see how a box with a 4 pixel #48D8C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48D8C0; -webkit-box-shadow:4px 4px  
4px 4px #48D8C0; box-shadow:4px 4px 4px  
4px #48D8C0 }
```

Background

The CSS property to change the background color of an element to Hex 48D8C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48D8C0 }
```

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

```
.background{ background-color:#48D8C0 }
```

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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