

Converting Colors

Hex(48D2CA)

Have a look what the booklet for
Hex(48D2CA) contains.

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Color

Hex(48D2CA)

Conversions

Conversions Part 1

Format	Color
Hex	48D2CA
RGB	72, 210, 202
RGB Percent	28%, 82%, 79%
CMY	0.7176, 0.1765, 0.2078
CMYK	0.66, 0.00, 0.04, 0.18
HSL	177°, 61%, 55%
HSV	177°, 66%, 82%
XYZ	36.3798, 51.7352, 63.9456
YIQ	167.8260, -79.6800, -31.7440

Conversions

Conversions Part 2

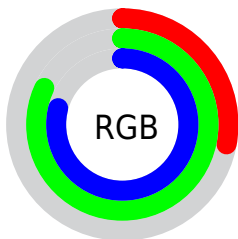
Format	Color
RYB	72, 143, 210
Decimal	4772554
CIELab	77.12, -38.36, -6.93
CIELCh	77, 38.979, 190.243
Yxy	51.7352, 0.2392, 0.3402
Android (android.graphics.Color)	4282962634 (0xFF48D2CA)
YUV	167.8260, 16.8478, -84.0394
Hunter-Lab	71.9272, -35.5897, -2.3617

Details

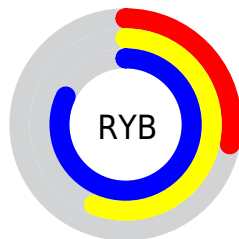
The Hex color **48D2CA** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D24850**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **89FFFF**, and **009B94** is the 20% darker color. If you saturate the color by 10%, you get **33D2C9**, and if you desaturate by 10%, it is **5DD2CB**.

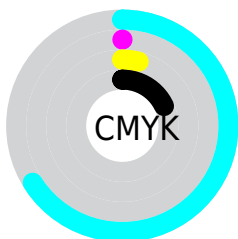
Distribution



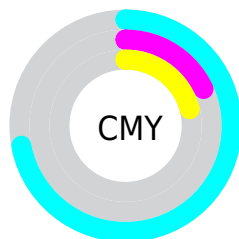
- Red (28%)
- Green (82%)
- Blue (79%)



- Red (28%)
- Yellow (56%)
- Blue (82%)



- Cyan (66%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)



- Cyan (72%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48D2CA 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 48D2CA by changing the saturation by 10% instead.

 48D2CA

 48D2CA

FFFFFF

 1BB6AF

 89FFFF

 009B94

 A7FFFF

 00807A

 C6FFFF

 006762

 E4FFFF

 004E4A

 003633

 00211E

 000005

 000000

■ 48D2CA

■ 48D2CA

■ 33D2C9

■ 5DD2CB

■ 1ED2C8

■ 72D2CC

■ 09D2C6

■ 87D2CE

■ 00D2C6

■ 9CD2CF

■ B1D2D0

■ C6D2D1

■ DBD2D3

■ F0D2D4

■ FFD2D5

Harmonies

Analogous

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



76D0A5



48D2CA



34D0EC

Triad

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



48D2CA



D3B1F6



EBB47B

Complementary

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



48D2CA



D24850

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.



FFA892



48D2CA



F6A6D8

Square

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



48D2CA



9FBEFF



FFA3B3



CAC077

Rectangle

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



48D2CA



50CCFC



FFA3B3



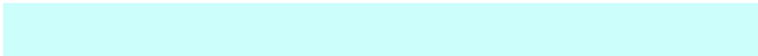
F4B081

Sweetspot

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



48D2CA



CCFFFC



51D248



61807E



000000



808080

Same Dimension

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



48D2CA



36FFF3



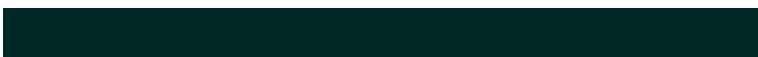
4896D2



5E6968



00A89F



002926

Inverse Universe

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



D24850



FF3641



D28448



695E5F



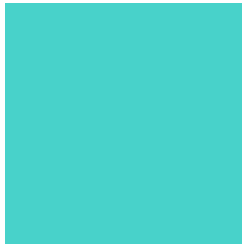
A8000A



290002

Previews

White Background



This preview shows how the Hex color 48D2CA looks on a white background.

Color Contrast Check

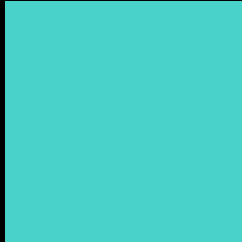
Large Text (above 18pt) WCAG AA × Fail

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 48D2CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

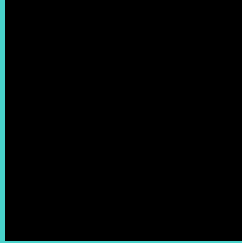
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

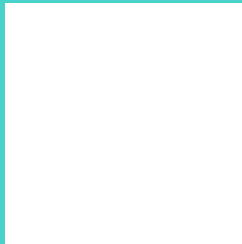
Any Text WCAG AAA ✓ Pass

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

Hex 48D2CA Background



This preview shows how black text looks on a background with the Hex color 48D2CA.

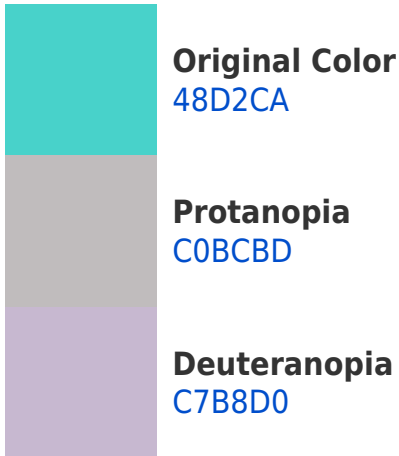


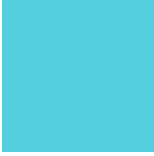
This preview shows how white text looks on a background with the Hex color 48D2CA.

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
53CFE0

Trichromacy



Original Color
48D2CA



Protanomaly
94C4C2



Deuteranomaly
99C1CE

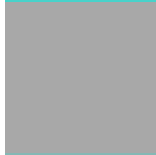


Tritanomaly
4FD0D8

Monochromacy



Original Color
48D2CA



Achromatopsia
A8A8A8



Achromatomaly
85B7B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 48D2CA 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 #48D2CA looks like.

```
.text, #text, p{  
    color:#48D2CA  
}
```

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 #48D2CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48D2CA
}
```

Border

The CSS property to change the border of an element to Hex 48D2CA 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
#48D2CA }
```

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

```
.border{ border-color:#48D2CA }
```

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

Here you see how a box with a 4 pixel #48D2CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48D2CA; -webkit-box-shadow:4px 4px  
4px 4px #48D2CA; box-shadow:4px 4px 4px  
4px #48D2CA }
```

Background

The CSS property to change the background color of an element to Hex 48D2CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48D2CA }
```

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

```
.background{ background-color:#48D2CA }
```

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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