

Converting Colors

Hex(48CCCC)

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

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Color

Hex(48CCCC)

Conversions

Conversions Part 1

Format	Color
Hex	48CCCC
RGB	72, 204, 204
RGB Percent	28%, 80%, 80%
CMY	0.7176, 0.2000, 0.2000
CMYK	0.65, 0.00, 0.00, 0.20
HSL	180°, 56%, 54%
HSV	180°, 65%, 80%
XYZ	35.1644, 48.9231, 64.7165
YIQ	164.5320, -78.6720, -27.9840

Conversions

Conversions Part 2

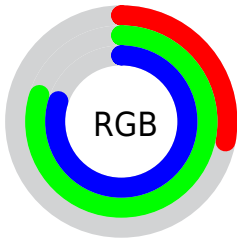
Format	Color
RYB	72, 138, 204
Decimal	4771020
CIELab	75.40, -35.04, -10.56
CIELCh	75, 36.596, 196.780
Yxy	48.9231, 0.2363, 0.3288
Android (android.graphics.Color)	4282961100 (0xFF48CCCC)
YUV	164.5320, 19.4577, -81.1506
Hunter-Lab	69.9450, -32.6640, -5.8964

Details

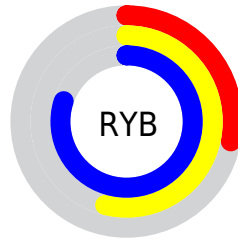
The Hex color **48CCCC** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CC4848**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **88FFFF**, and **009596** is the 20% darker color. If you saturate the color by 10%, you get **34CCCC**, and if you desaturate by 10%, it is **5CCCCC**.

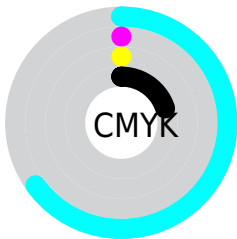
Distribution



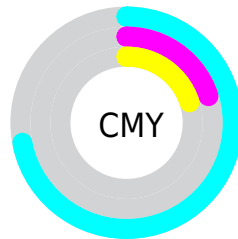
- Red (28%)
- Green (80%)
- Blue (80%)



- Red (28%)
- Yellow (54%)
- Blue (80%)



- Cyan (65%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (72%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 48CCCC

 48CCCC

FFFFFF

 1CB0B1

 88FFFF

 009596

 A7FFFF

 007B7C

 C5FFFF

 006263

 E3FFFF

 00494B

 003235

 001C20

 000006

 000000

48CCCC

48CCCC

34CCCC

50CCCC

1FCCCC

71CCCC

0BCCCC

85CCCC

00CCCC

9ACCCC

AECCCC

C2CCCC

D7CCCC

EBCCCC

FFCCCC

Harmonies

Analogous

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



6ECBA9



48CCCC



46C9EA

Triad

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



48CCCC



D5AAE8



DEB378

Complementary

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



48CCCC



CC4848

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.



F4A78A



48CCCC



F2A2CA

Square

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



48CCCC



A9B6FA



FDA0A8



BEBE78

Rectangle

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



48CCCC



61C4F7



FDA0A8



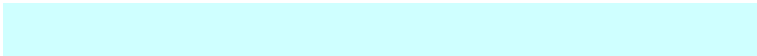
E7AF7C

Sweetspot

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



48CCCC



CFFFFFF



48CC48



628080



000000



808080

Same Dimension

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



48CCCC



38FFFF



488ACC



5C6666



00A6A6



002626

Inverse Universe

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



CC48CC



FF38FF



CC8A48



665C66



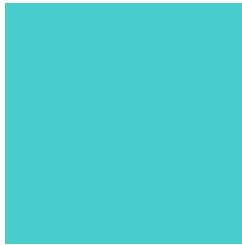
A600A6



260026

Previews

White Background



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

Color Contrast Check

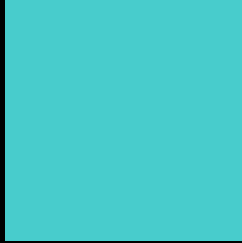
Large Text (above 18pt) WCAG AA × Fail

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 48CCCC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

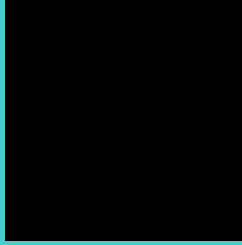
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

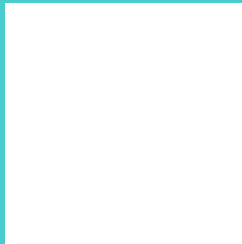
Any Text WCAG AAA ✓ Pass

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

Hex 48CCCC Background



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

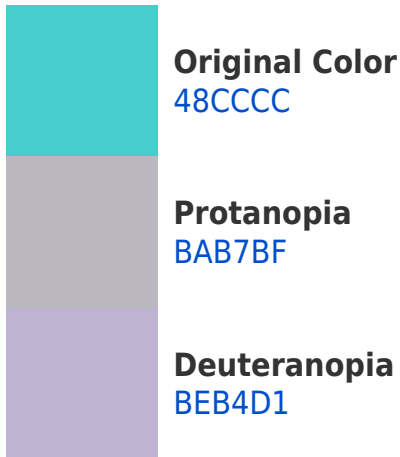


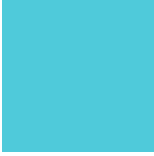
This preview shows how white text looks on a background with the Hex color 48CCCC.

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





Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #48CCCC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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