

Converting Colors

Hex(48C1BA)

Have a look what the booklet for
Hex(48C1BA) contains.

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Color

Hex(48C1BA)

Conversions

Conversions Part 1

Format	Color
Hex	48C1BA
RGB	72, 193, 186
RGB Percent	28%, 76%, 73%
CMY	0.7176, 0.2431, 0.2706
CMYK	0.63, 0.00, 0.04, 0.24
HSL	177°, 49%, 52%
HSV	177°, 63%, 76%
XYZ	30.6054, 43.0628, 53.1533
YIQ	156.0230, -69.8690, -27.8290

Conversions

Conversions Part 2

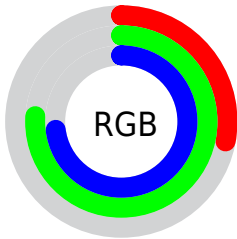
Format	Color
RYB	72, 134, 193
Decimal	4768186
CIELab	71.60, -34.87, -6.45
CIELCh	72, 35.460, 190.476
Yxy	43.0628, 0.2413, 0.3396
Android (android.graphics.Color)	4282958266 (0xFF48C1BA)
YUV	156.0230, 14.7787, -73.6882
Hunter-Lab	65.6223, -31.5889, -2.0886

Details

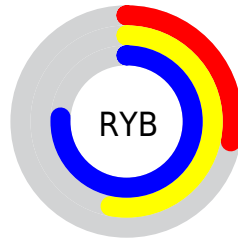
The Hex color **48C1BA** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **C1484F**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **86FAF2**, and **008B85** is the 20% darker color. If you saturate the color by 10%, you get **35C1B9**, and if you desaturate by 10%, it is **5BC1BB**.

Distribution



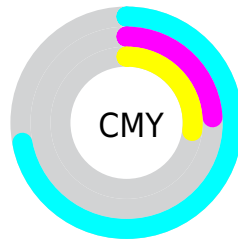
- Red (28%)
- Green (76%)
- Blue (73%)



- Red (28%)
- Yellow (53%)
- Blue (76%)



- Cyan (63%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)



- Cyan (72%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Hex color 48C1BA 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 48C1BA by changing the saturation by 10% instead.

 48C1BA

 48C1BA

FFFFFF

 21A69F

 86FAF2

 008B85

 A3FFFF

 00716C

 C1FFFF

 005854

 DFFFFF

 00403D

 FDFFFF

 002927

 000C13

 000000

 48C1BA

 48C1BA

■ 35C1B9

■ 5BC1BB

■ 21C1B8

■ 6FC1BC

■ 0EC1B7

■ 82C1BD

■ 00C1B6

■ 95C1BE

■ A9C1C0

■ BCC1C1

■ CFC1C2

■ E2C1C3

■ F6C1C4

Harmonies

Analogous

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



6FBF99



48C1BA



3ABFD8

Triad

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



48C1BA



C2A3E1



D7A673

Complementary

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



48C1BA



C1484F

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.



EB9C87



48C1BA



E199C6

Square

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



48C1BA



94AFEF



EF97A5



BAB16F

Rectangle

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



48C1BA



50BBE7



EF97A5



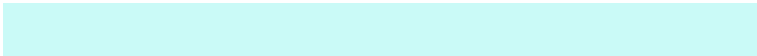
DFA278

Sweetspot

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



48C1BA



CAFAF7



50C148



607D7B



FCFCFC



7D7D7D

Same Dimension

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



48C1BA



3EFAEF



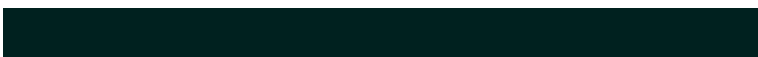
488DC1



576160



00A197



00211F

Inverse Universe

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



C1484F



FA3E49



C17C48



615758



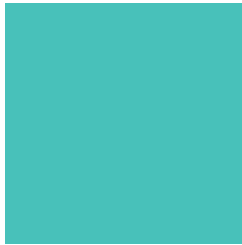
A10009



210002

Previews

White Background



This preview shows how the Hex color 48C1BA looks on a white background.

Color Contrast Check

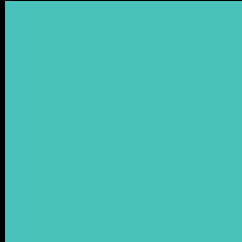
Large Text (above 18pt) WCAG AA × Fail

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 48C1BA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

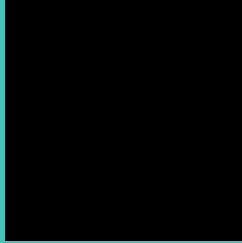
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

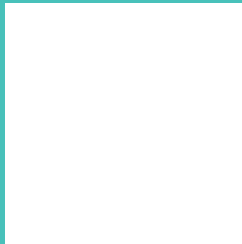
Any Text WCAG AAA ✓ Pass

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

Hex 48C1BA Background



This preview shows how black text looks on a background with the Hex color 48C1BA.

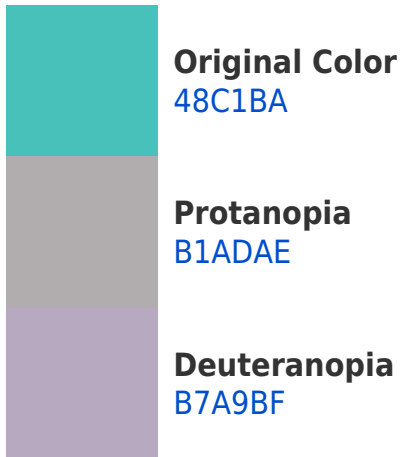


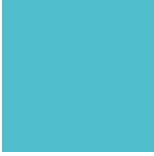
This preview shows how white text looks on a background with the Hex color 48C1BA.

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



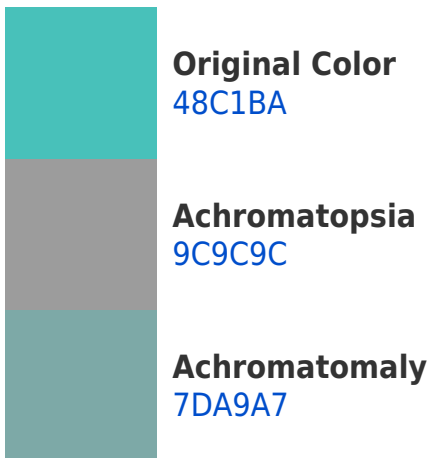


Tritanopia
51BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48C1BA 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 #48C1BA looks like.

```
.text, #text, p{  
    color:#48C1BA  
}
```

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 #48C1BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48C1BA
}
```

Border

The CSS property to change the border of an element to Hex 48C1BA 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
#48C1BA }
```

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

```
.border{ border-color:#48C1BA }
```

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

Here you see how a box with a 4 pixel #48C1BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48C1BA; -webkit-box-shadow:4px 4px  
4px 4px #48C1BA; box-shadow:4px 4px 4px  
4px #48C1BA }
```

Background

The CSS property to change the background color of an element to Hex 48C1BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48C1BA }
```

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

```
.background{ background-color:#48C1BA }
```

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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