

Converting Colors

Hex(48C5BE)

Have a look what the booklet for
Hex(48C5BE) contains.

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Color

Hex(48C5BE)

Conversions

Conversions Part 1

Format	Color
Hex	48C5BE
RGB	72, 197, 190
RGB Percent	28%, 77%, 75%
CMY	0.7176, 0.2275, 0.2549
CMYK	0.63, 0.00, 0.04, 0.23
HSL	177°, 52%, 53%
HSV	177°, 63%, 77%
XYZ	31.9330, 45.0279, 55.7234
YIQ	158.8270, -72.2530, -28.6770

Conversions

Conversions Part 2

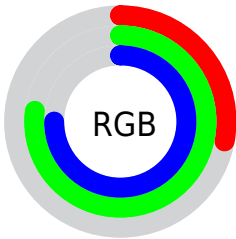
Format	Color
R _{YB}	72, 136, 197
Decimal	4769214
CIE _{Lab}	72.91, -35.64, -6.68
CIE _{LCh}	73, 36.263, 190.620
Y _{xy}	45.0279, 0.2407, 0.3394
Android (android.graphics.Color)	4282959294 (0xFF48C5BE)
YUV	158.8270, 15.3683, -76.1473
Hunter-Lab	67.1029, -32.4852, -2.2635

Details

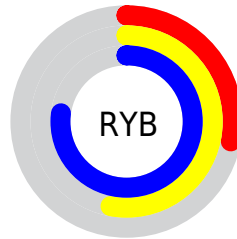
The Hex color **48C5BE** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **C5484F**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **86FEF6**, and **008F89** is the 20% darker color. If you saturate the color by 10%, you get **34C5BD**, and if you desaturate by 10%, it is **5CC5BF**.

Distribution



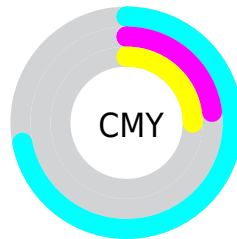
- Red (28%)
- Green (77%)
- Blue (75%)



- Red (28%)
- Yellow (53%)
- Blue (77%)



- Cyan (63%)
- Magenta (0%)
- Yellow (4%)
- Black (23%)



- Cyan (72%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48C5BE 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 48C5BE by changing the saturation by 10% instead.

 48C5BE

 48C5BE

FFFFFF

 20A9A3

 86FEF6

 008F89

 A4FFFF

 00746F

 C2FFFF

 005B57

 E0FFFF

 004340

 002C2A

 001316

 000000

 48C5BE

 48C5BE

■ 34C5BD

■ 5CC5BF

■ 21C5BC

■ 6FC5C0

■ 0DC5BB

■ 83C5C1

■ 00C5BA

■ 97C5C2

■ ABC5C4

■ BEC5C5

■ D2C5C6

■ E6C5C7

■ F9C5C8

Harmonies

Analogous

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



71C39C



48C5BE



39C3DD

Triad

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



48C5BE



C6A6E5



DCA975

Complementary

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



48C5BE



C5484F

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.



F09F89



48C5BE



E69CCA

Square

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



48C5BE



97B2F4



F49AA8



BEB571

Rectangle

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



48C5BE



51BFEC



F49AA8



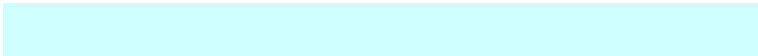
E4A67A

Sweetspot

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



48C5BE



CFFFFC



50C548



62807E



000000



808080

Same Dimension

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



48C5BE



3DFFF4



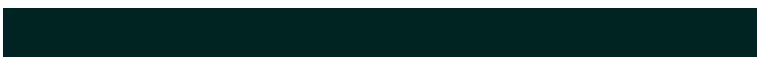
488FC5



5A6363



00A39A



002422

Inverse Universe

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



C5484F



FF3D48



C57E48



635A5A



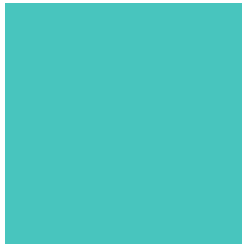
A30009



240002

Previews

White Background



This preview shows how the Hex color 48C5BE looks on a white background.

Color Contrast Check

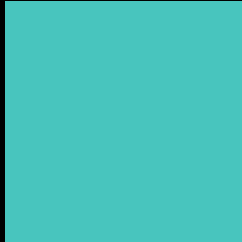
Large Text (above 18pt) WCAG AA × Fail

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 48C5BE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

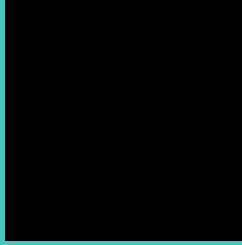
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

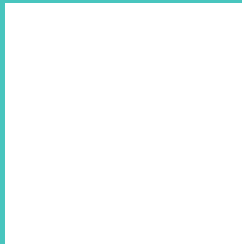
Any Text WCAG AAA ✓ Pass

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

Hex 48C5BE Background



This preview shows how black text looks on a background with the Hex color 48C5BE.

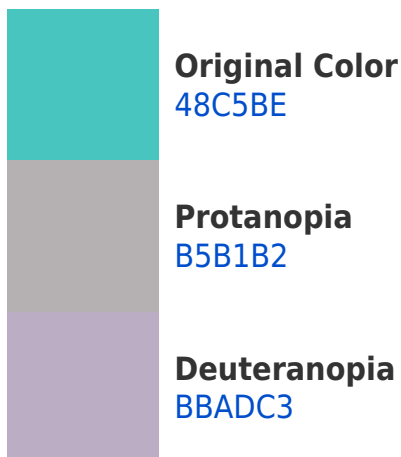


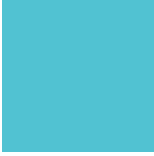
This preview shows how white text looks on a background with the Hex color 48C5BE.

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



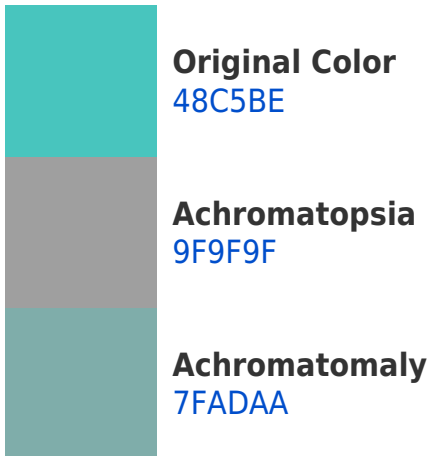


Tritanopia
51C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48C5BE 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 #48C5BE looks like.

```
.text, #text, p{  
    color:#48C5BE  
}
```

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 #48C5BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48C5BE
}
```

Border

The CSS property to change the border of an element to Hex 48C5BE 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
#48C5BE }
```

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

```
.border{ border-color:#48C5BE }
```

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

Here you see how a box with a 4 pixel #48C5BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48C5BE; -webkit-box-shadow:4px 4px  
4px 4px #48C5BE; box-shadow:4px 4px 4px  
4px #48C5BE }
```

Background

The CSS property to change the background color of an element to Hex 48C5BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48C5BE }
```

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

```
.background{ background-color:#48C5BE }
```

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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