

Converting Colors

Hex(47C4BE)

Have a look what the booklet for
Hex(47C4BE) contains.

Hex(47C4BE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(47C4BE)

Conversions

Conversions Part 1

Format	Color
Hex	47C4BE
RGB	71, 196, 190
RGB Percent	28%, 77%, 75%
CMY	0.7216, 0.2314, 0.2549
CMYK	0.64, 0.00, 0.03, 0.23
HSL	177°, 51%, 52%
HSV	177°, 64%, 77%
XYZ	31.6327, 44.5372, 55.6445
YIQ	157.9410, -72.5740, -28.3660

Conversions

Conversions Part 2

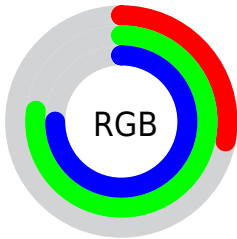
Format	Color
RYB	71, 135, 196
Decimal	4703422
CIELab	72.59, -35.34, -7.17
CIELCh	73, 36.056, 191.464
Yxy	44.5372, 0.2400, 0.3379
Android (android.graphics.Color)	4282893502 (0xFF47C4BE)
YUV	157.9410, 15.8051, -76.2473
Hunter-Lab	66.7362, -32.1799, -2.7206

Details

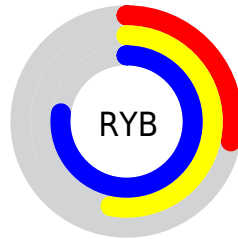
The Hex color **47C4BE** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **C4474D**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **86FDF6**, and **008E89** is the 20% darker color. If you saturate the color by 10%, you get **33C4BD**, and if you desaturate by 10%, it is **5BC4BF**.

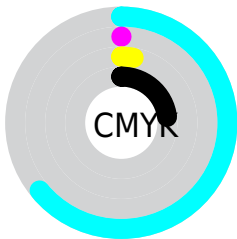
Distribution



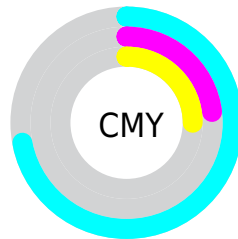
- Red (28%)
- Green (77%)
- Blue (75%)



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



- Cyan (64%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 47C4BE 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 47C4BE by changing the saturation by 10% instead.

 47C4BE

 47C4BE

FFFFFF

 1EA8A3

 86DFD6

 008E89

 A4FFFF

 00746F

 C1FFFF

 005A57

 DFFFFF

 004240

FEFFFF

 002B2A

 001116

 000000

 47C4BE

 47C4BE

■ 33C4BD

■ 5BC4BF

■ 20C4BC

■ 6EC4C0

■ 0CC4BB

■ 82C4C1

■ 00C4BB

■ 95C4C2

■ A9C4C3

■ BDC4C4

■ D0C4C5

■ E4C4C6

■ F7C4C6

Harmonies

Analogous

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



6FC29C



47C4BE



3AC2DD

Triad

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



47C4BE



C6A5E4



DAA974

Complementary

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



47C4BE



C4474D

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.



EE9E88



47C4BE



E69BC8

Square

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



47C4BE



98B1F2



F399A6



BCB471

Rectangle

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



47C4BE



52BEEB



F399A6



E2A579

Sweetspot

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



47C4BE



CFFFFD



4DC447



62807E



000000



808080

Same Dimension

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



47C4BE



3BFFF6



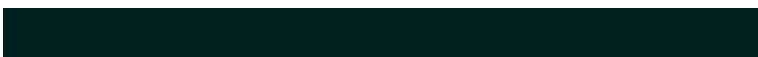
478CC4



576160



00A199



002120

Inverse Universe

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



C4474D



FF3B44



C47F47



615758



A10008



210002

Previews

White Background



This preview shows how the Hex color 47C4BE 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 47C4BE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

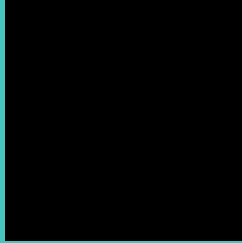
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

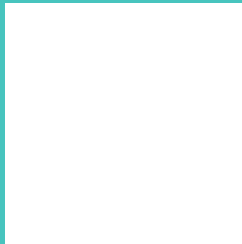
Any Text WCAG AAA ✓ Pass

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

Hex 47C4BE Background



This preview shows how black text looks on a background with the Hex color 47C4BE.

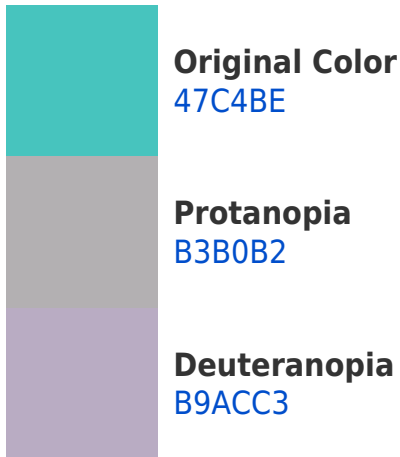


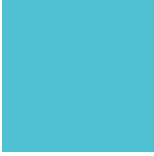
This preview shows how white text looks on a background with the Hex color 47C4BE.

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
50C1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47C4BE 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 #47C4BE looks like.

```
.text, #text, p{  
    color:#47C4BE  
}
```

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 #47C4BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47C4BE
}
```

Border

The CSS property to change the border of an element to Hex 47C4BE 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
#47C4BE }
```

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

```
.border{ border-color:#47C4BE }
```

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

Here you see how a box with a 4 pixel #47C4BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47C4BE; -webkit-box-shadow:4px 4px  
4px 4px #47C4BE; box-shadow:4px 4px 4px  
4px #47C4BE }
```

Background

The CSS property to change the background color of an element to Hex 47C4BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47C4BE }
```

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

```
.background{ background-color:#47C4BE }
```

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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