

Converting Colors

Hex(46C4B7)

Have a look what the booklet for
Hex(46C4B7) contains.

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Color

Hex(46C4B7)

Conversions

Conversions Part 1

Format	Color
Hex	46C4B7
RGB	70, 196, 183
RGB Percent	27%, 77%, 72%
CMY	0.7255, 0.2314, 0.2824
CMYK	0.64, 0.00, 0.07, 0.23
HSL	174°, 52%, 52%
HSV	174°, 64%, 77%
XYZ	30.8130, 44.2008, 51.7073
YIQ	156.8440, -70.9230, -30.7550

Conversions

Conversions Part 2

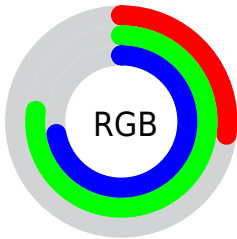
Format	Color
RYB	70, 136, 196
Decimal	4637879
CIELab	72.36, -37.39, -3.69
CIELCh	72, 37.574, 185.632
Yxy	44.2008, 0.2432, 0.3488
Android (android.graphics.Color)	4282827959 (0xFF46C4B7)
YUV	156.8440, 12.8949, -76.1622
Hunter-Lab	66.4837, -33.6178, 0.4261

Details

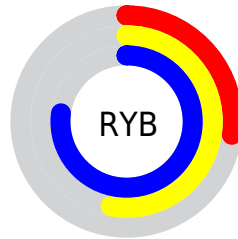
The Hex color **46C4B7** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **C44653**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **84FDEF**, and **008E82** is the 20% darker color. If you saturate the color by 10%, you get **32C4B5**, and if you desaturate by 10%, it is **5AC4B9**.

Distribution



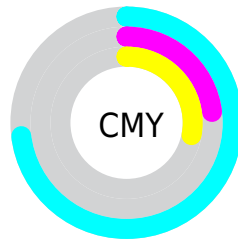
- Red (27%)
- Green (77%)
- Blue (72%)



- Red (27%)
- Yellow (53%)
- Blue (77%)



- Cyan (64%)
- Magenta (0%)
- Yellow (7%)
- Black (23%)



- Cyan (73%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46C4B7 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 46C4B7 by changing the saturation by 10% instead.

 46C4B7

 46C4B7

FFFFFF

 1DA89C


 84FDEF

 008E82

 A2FFFF

 007369

 C0FFFF

 005A51

 DEFFFF

 00423A

 FCFFFF

 002B25

 001010

 000000

 46C4B7

 46C4B7

■ 32C4B5

■ 5AC4B9

■ 1FC4B3

■ 6DC4BB

■ 0BC4B1

■ 81C4BD

■ 00C4B0

■ 94C4BF

■ A8C4C1

■ BCC4C3

■ CFC4C5

■ E3C4C7

■ F6C4C9

Harmonies

Analogous

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



73C294



46C4B7



28C2D8

Triad

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



46C4B7



BEA6E9



E0A674

Complementary

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



46C4B7



C44653

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.



F29B8B



46C4B7



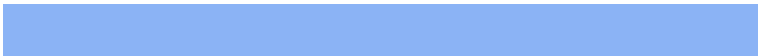
E29BCE

Square

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



46C4B7



8BB3F5



F497AC



C2B16C

Rectangle

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



46C4B7



3EBFE9



F497AC



E7A27A

Sweetspot

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



46C4B7



CFFFA



55C446



62807C



000000



808080

Same Dimension

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



46C4B7



3BFFEB



4694C4



576160



00A190



00211E

Inverse Universe

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



C44653



FF3B4F



C47646



615758



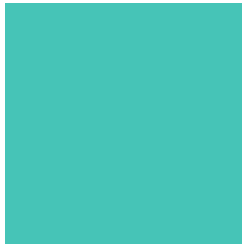
A10011



210003

Previews

White Background



This preview shows how the Hex color 46C4B7 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 46C4B7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

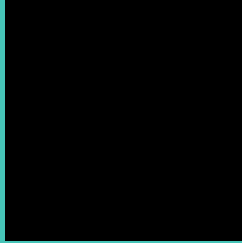
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

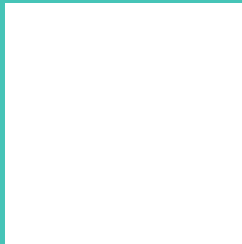
Any Text WCAG AAA ✓ Pass

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

Hex 46C4B7 Background



This preview shows how black text looks on a background with the Hex color 46C4B7.

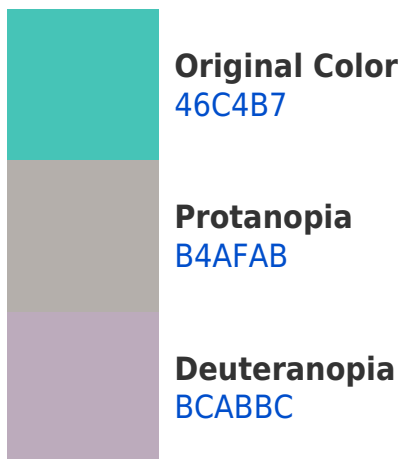


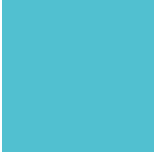
This preview shows how white text looks on a background with the Hex color 46C4B7.

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
51C0D0

Trichromacy



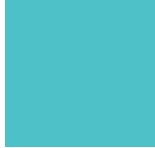
Original Color
46C4B7



Protanomaly
8CB7AF



Deuteranomaly
91B4BA



Tritanomaly
4DC1C7

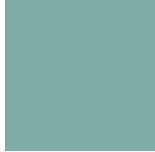
Monochromacy



Original Color
46C4B7



Achromatopsia
9D9D9D



Achromatomaly
7DABA6

CSS Examples

Text

The CSS property to change the color of the text to Hex 46C4B7 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 #46C4B7 looks like.

```
.text, #text, p{  
    color:#46C4B7  
}
```

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 #46C4B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46C4B7
}
```

Border

The CSS property to change the border of an element to Hex 46C4B7 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
#46C4B7 }
```

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

```
.border{ border-color:#46C4B7 }
```

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

Here you see how a box with a 4 pixel #46C4B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46C4B7; -webkit-box-shadow:4px 4px  
4px 4px #46C4B7; box-shadow:4px 4px 4px  
4px #46C4B7 }
```

Background

The CSS property to change the background color of an element to Hex 46C4B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46C4B7 }
```

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

```
.background{ background-color:#46C4B7 }
```

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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