

Converting Colors

Hex(46C0A9)

Have a look what the booklet for
Hex(46C0A9) contains.

Hex(46C0A9)	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(46C0A9)

Conversions

Conversions Part 1

Format	Color
Hex	46C0A9
RGB	70, 192, 169
RGB Percent	27%, 75%, 66%
CMY	0.7255, 0.2471, 0.3373
CMYK	0.64, 0.00, 0.12, 0.25
HSL	169°, 49%, 51%
HSV	169°, 64%, 75%
XYZ	28.5369, 41.8659, 44.1130
YIQ	152.9000, -65.3290, -33.0170

Conversions

Conversions Part 2

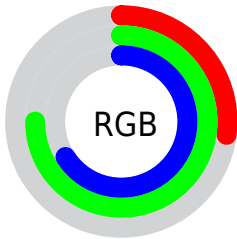
Format	Color
RYB	70, 137, 192
Decimal	4636841
CIELab	70.78, -39.24, 1.63
CIElCh	71, 39.273, 177.624
Yxy	41.8659, 0.2492, 0.3656
Android (android.graphics.Color)	4282826921 (0xFF46C0A9)
YUV	152.9000, 7.9373, -72.7033
Hunter-Lab	64.7039, -34.5066, 4.8707

Details

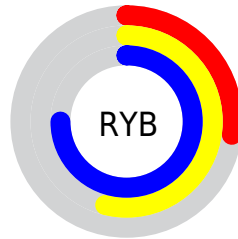
The Hex color **46C0A9** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C0465D**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **83F9E0**, and **008A75** is the 20% darker color. If you saturate the color by 10%, you get **33C0A5**, and if you desaturate by 10%, it is **59C0AD**.

Distribution



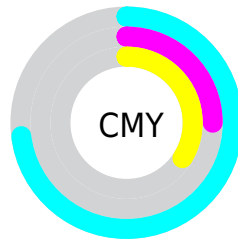
- Red (27%)
- Green (75%)
- Blue (66%)



- Red (27%)
- Yellow (54%)
- Blue (75%)



- Cyan (64%)
- Magenta (0%)
- Yellow (12%)
- Black (25%)



- Cyan (73%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46C0A9 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 46C0A9 by changing the saturation by 10% instead.

 46C0A9

 46C0A9

FFFFFF

 20A48F

 83F9E0

 008A75

 A1FFFD

 00705C

 BEFFFF

 005745

 DCFFFF

 003E2F

 FAFFFF

 00291A

 000500

 000000

 46C0A9

 46C0A9

■ 33C0A5

■ 59C0AD

■ 20C0A2

■ 6CC0B0

■ 0CC09E

■ 80C0B4

■ 00C09C

■ 93C0B7

■ A6C0BB

■ B9C0BF

■ CCC0C2

■ E0C0C6

■ F3C0CA

Harmonies

Analogous

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



78BC86



46C0A9



00C0CD

Triad

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



46C0A9



ADA5EC



E39E72

Complementary

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



46C0A9



C0465D

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.



F2948E



46C0A9



D798D4

Square

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



46C0A9



73B2F4



EF91B1



C7AA65

Rectangle

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



46C0A9



0EBDE1



EF91B1



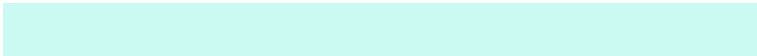
EA9A7A

Sweetspot

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



46C0A9



CAFAF1



5EC046



607D78



FCFCFC



7D7D7D

Same Dimension

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



46C0A9



3CFAD6



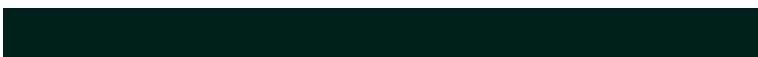
469BC0



57615F



00A182



00211B

Inverse Universe

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



C0465D



FA3C60



C06B46



615759



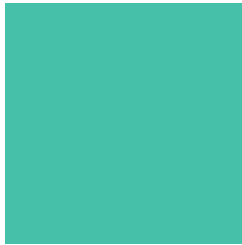
A1001E



210006

Previews

White Background



This preview shows how the Hex color 46C0A9 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 46C0A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

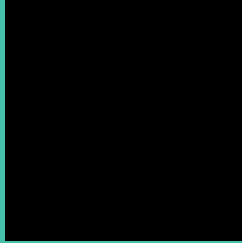
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

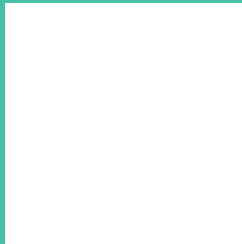
Any Text WCAG AAA ✓ Pass

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

Hex 46C0A9 Background



This preview shows how black text looks on a background with the Hex color 46C0A9.



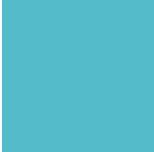
This preview shows how white text looks on a background with the Hex color 46C0A9.

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](#).

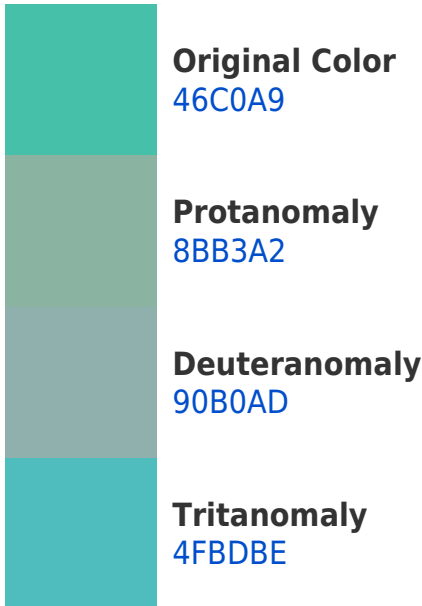
Dichromacy



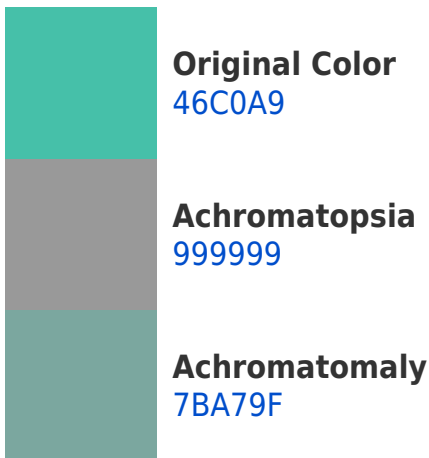


Tritanopia
54BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46C0A9 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 #46C0A9 looks like.

```
.text, #text, p{  
    color:#46C0A9  
}
```

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 #46C0A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46C0A9
}
```

Border

The CSS property to change the border of an element to Hex 46C0A9 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
#46C0A9 }
```

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

```
.border{ border-color:#46C0A9 }
```

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

Here you see how a box with a 4 pixel #46C0A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46C0A9; -webkit-box-shadow:4px 4px  
4px 4px #46C0A9; box-shadow:4px 4px 4px  
4px #46C0A9 }
```

Background

The CSS property to change the background color of an element to Hex 46C0A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46C0A9 }
```

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

```
.background{ background-color:#46C0A9 }
```

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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