

Converting Colors

Hex(46C49C)

Have a look what the booklet for
Hex(46C49C) contains.

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Color

Hex(46C49C)

Conversions

Conversions Part 1

Format	Color
Hex	46C49C
RGB	70, 196, 156
RGB Percent	27%, 77%, 61%
CMY	0.7255, 0.2314, 0.3882
CMYK	0.64, 0.00, 0.20, 0.23
HSL	161°, 52%, 52%
HSV	161°, 64%, 77%
XYZ	28.2665, 43.1822, 38.2977
YIQ	153.7660, -62.2560, -39.1520

Conversions

Conversions Part 2

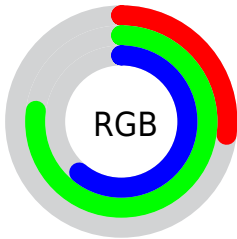
Format	Color
RYB	70, 145, 196
Decimal	4637852
CIELab	71.68, -44.18, 9.99
CIELCh	72, 45.296, 167.256
Yxy	43.1822, 0.2576, 0.3935
Android (android.graphics.Color)	4282827932 (0xFF46C49C)
YUV	153.7660, 1.1014, -73.4628
Hunter-Lab	65.7132, -38.2165, 11.4450

Details

The Hex color **46C49C** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C4466E**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **83FDD3**, and **008D69** is the 20% darker color. If you saturate the color by 10%, you get **32C496**, and if you desaturate by 10%, it is **5AC4A2**.

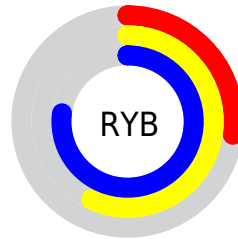
Distribution



Red (27%)

Green (77%)

Blue (61%)



Red (27%)

Yellow (57%)

Blue (77%)

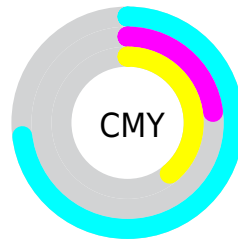


Cyan (64%)

Magenta (0%)

Yellow (20%)

Black (23%)



Cyan (73%)

Magenta (23%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46C49C 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 46C49C by changing the saturation by 10% instead.



46C49C



46C49C

FFFFFF



20A882



83FDD3



008D69



A1FDEF



007351



BEFFFF



005A3A



DCFFFF



004124



FAFFFF



002B0F



000B00



000000



46C49C



46C49C

 32C496

 5AC4A2

 1FC490

 6DC4A8

 0BC489

 81C4AF

 00C486

 94C4B5

 A8C4BB

 BCC4C1

 CFC4C8

 E3C4CE

 F6C4D4

Harmonies

Analogous

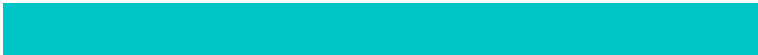
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83BF76



46C49C



00C5C7

Triad

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



46C49C



98ACFE



F49975

Complementary

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



46C49C



C4466E

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.



FF8F99



46C49C



D19CE8

Square

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



46C49C



44B9FF



F490C3



D9A75E

Rectangle

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



46C49C



00C3E0



F490C3



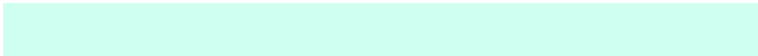
FA9480

Sweetspot

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



46C49C



CFFFF0



70C446



628076



000000



808080

Same Dimension

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



46C49C



3BFFC1



46AFC4



57615E



00A16E



002117

Inverse Universe

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



C4466E



FF3B79



C45B46



61575A



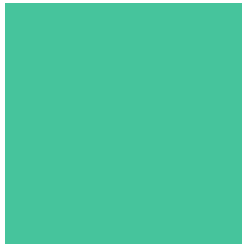
A10033



21000B

Previews

White Background



This preview shows how the Hex color 46C49C looks on a white background.

Color Contrast Check

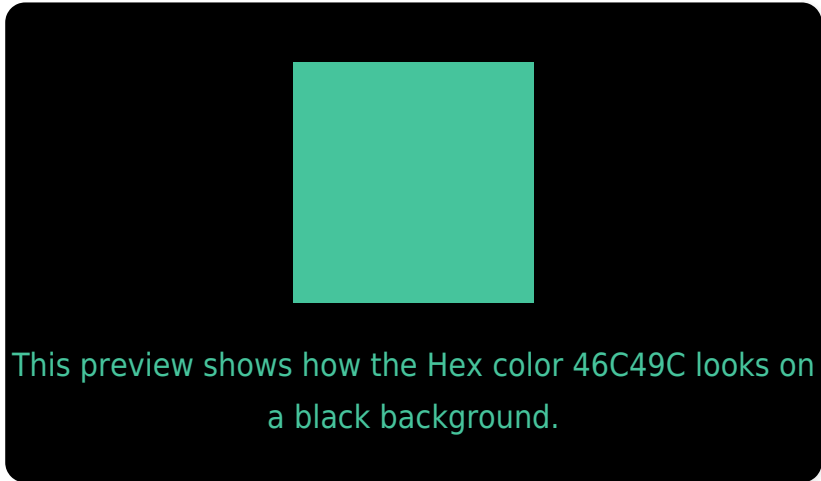
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 46C49C Background



This preview shows how black text looks on a background with the Hex color 46C49C.



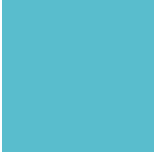
This preview shows how white text looks on a background with the Hex color 46C49C.

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
59BDCD

Trichromacy



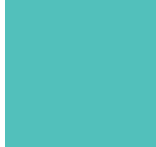
Original Color
46C49C



Protanomaly
8FB695



Deuteranomaly
96B2A0



Tritanomaly
52C0BB

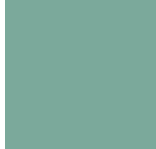
Monochromacy



Original Color
46C49C



Achromatopsia
9A9A9A



Achromatomaly
7BA99B

CSS Examples

Text

The CSS property to change the color of the text to Hex 46C49C 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 #46C49C looks like.

```
.text, #text, p{  
    color:#46C49C  
}
```

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 #46C49C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46C49C
}
```

Border

The CSS property to change the border of an element to Hex 46C49C 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
#46C49C }
```

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

```
.border{ border-color:#46C49C }
```

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

Here you see how a box with a 4 pixel #46C49C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46C49C; -webkit-box-shadow:4px 4px  
4px 4px #46C49C; box-shadow:4px 4px 4px  
4px #46C49C }
```

Background

The CSS property to change the background color of an element to Hex 46C49C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46C49C }
```

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

```
.background{ background-color:#46C49C }
```

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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