

Converting Colors

Hex(48C4A2)

Have a look what the booklet for
Hex(48C4A2) contains.

Hex(48C4A2)	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(48C4A2)

Conversions

Conversions Part 1

Format	Color
Hex	48C4A2
RGB	72, 196, 162
RGB Percent	28%, 77%, 64%
CMY	0.7176, 0.2314, 0.3647
CMYK	0.63, 0.00, 0.17, 0.23
HSL	164°, 51%, 53%
HSV	164°, 63%, 77%
XYZ	28.9340, 43.4662, 41.0473
YIQ	155.0480, -62.9900, -36.8620

Conversions

Conversions Part 2

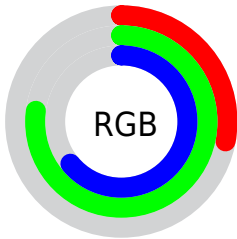
Format	Color
RYB	72, 144, 196
Decimal	4768930
CIELab	71.87, -42.40, 7.02
CIElCh	72, 42.977, 170.597
Yxy	43.4662, 0.2550, 0.3831
Android (android.graphics.Color)	4282959010 (0xFF48C4A2)
YUV	155.0480, 3.4273, -72.8331
Hunter-Lab	65.9289, -37.0379, 9.2364

Details

The Hex color **48C4A2** 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 **C4486A**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **85FDD9**, and **008D6E** is the 20% darker color. If you saturate the color by 10%, you get **34C49D**, and if you desaturate by 10%, it is **5CC4A7**.

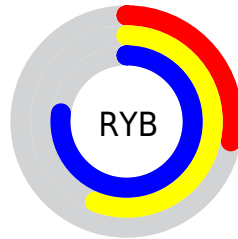
Distribution



Red (28%)

Green (77%)

Blue (64%)



Red (28%)

Yellow (56%)

Blue (77%)

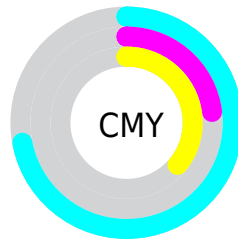


Cyan (63%)

Magenta (0%)

Yellow (17%)

Black (23%)



Cyan (72%)

Magenta (23%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48C4A2 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 48C4A2 by changing the saturation by 10% instead.

 48C4A2

 48C4A2

FFFFFF

 23A888

 85FDD9

 008D6E

 A2FFF5

 007356

 C0FFFF

 005A3F

 DEFFFF

 004129

 FCFFFF

 002B14

 000D00

 000000

 48C4A2

 48C4A2

■ 34C49D

■ 5CC4A7

■ 21C497

■ 6FC4AD

■ 0DC492

■ 83C4B2

■ 00C48E

■ 96C4B7

■ AAC4BD

■ BEC4C2

■ D1C4C8

■ E5C4CD

■ F8C4D2

Harmonies

Analogous

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



81BF7D



48C4A2



00C5CA

Triad

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



48C4A2



A2ABF9



F09C75

Complementary

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



48C4A2



C4486A

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.



FC9297



48C4A2



D59CE2

Square

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



48C4A2



5AB8FD



F492BE



D4AA62

Rectangle

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



48C4A2



00C2E2



F492BE



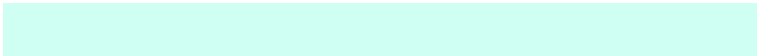
F6987F

Sweetspot

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



48C4A2



CFFFF2



6BC448



628077



000000



808080

Same Dimension

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



48C4A2



3DFFCA



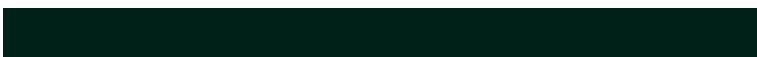
48A9C4



57615E



00A175



002118

Inverse Universe

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



C4486A



FF3D72



C46348



61575A



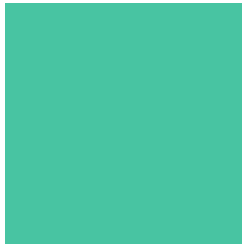
A1002C



210009

Previews

White Background



This preview shows how the Hex color 48C4A2 looks on a white background.

Color Contrast Check

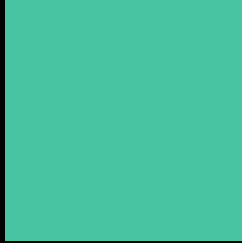
Large Text (above 18pt) WCAG AA × Fail

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 48C4A2 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 48C4A2 Background



This preview shows how black text looks on a background with the Hex color 48C4A2.

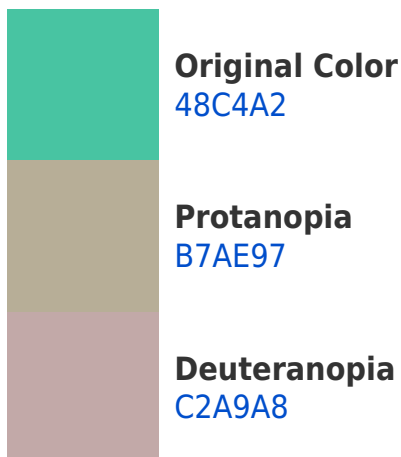


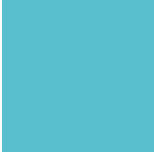
This preview shows how white text looks on a background with the Hex color 48C4A2.

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
59BECD

Trichromacy



Original Color
48C4A2



Protanomaly
8FB69B



Deuteranomaly
96B3A6



Tritanomaly
53C0BD

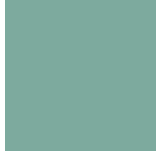
Monochromacy



Original Color
48C4A2



Achromatopsia
9B9B9B



Achromatomaly
7DAA9E

CSS Examples

Text

The CSS property to change the color of the text to Hex 48C4A2 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 #48C4A2 looks like.

```
.text, #text, p{  
    color:#48C4A2  
}
```

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 #48C4A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48C4A2
}
```

Border

The CSS property to change the border of an element to Hex 48C4A2 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
#48C4A2 }
```

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

```
.border{ border-color:#48C4A2 }
```

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

Here you see how a box with a 4 pixel #48C4A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48C4A2; -webkit-box-shadow:4px 4px  
4px 4px #48C4A2; box-shadow:4px 4px 4px  
4px #48C4A2 }
```

Background

The CSS property to change the background color of an element to Hex 48C4A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48C4A2 }
```

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

```
.background{ background-color:#48C4A2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor