

Converting Colors

Hex(47C3A9)

Have a look what the booklet for
Hex(47C3A9) contains.

Hex(47C3A9)	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(47C3A9)

Conversions

Conversions Part 1

Format	Color
Hex	47C3A9
RGB	71, 195, 169
RGB Percent	28%, 76%, 66%
CMY	0.7216, 0.2353, 0.3373
CMYK	0.64, 0.00, 0.13, 0.24
HSL	167°, 51%, 52%
HSV	167°, 64%, 76%
XYZ	29.2751, 43.2344, 44.3382
YIQ	154.9600, -65.5580, -34.3740

Conversions

Conversions Part 2

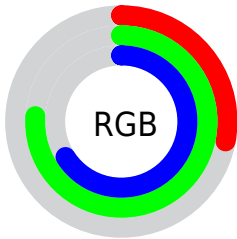
Format	Color
RYB	71, 140, 195
Decimal	4703145
CIELab	71.71, -40.41, 2.99
CIELCh	72, 40.519, 175.769
Yxy	43.2344, 0.2505, 0.3700
Android (android.graphics.Color)	4282893225 (0xFF47C3A9)
YUV	154.9600, 6.9217, -73.6329
Hunter-Lab	65.7529, -35.5941, 6.0468

Details

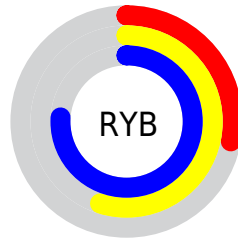
The Hex color **47C3A9** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C34761**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **84FCE0**, and **008C75** is the 20% darker color. If you saturate the color by 10%, you get **33C3A5**, and if you desaturate by 10%, it is **5BC3AD**.

Distribution



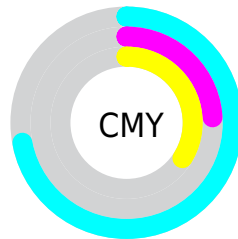
- Red (28%)
- Green (76%)
- Blue (66%)



- Red (28%)
- Yellow (55%)
- Blue (76%)



- Cyan (64%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)



- Cyan (72%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47C3A9 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 47C3A9 by changing the saturation by 10% instead.

 47C3A9

 47C3A9

FFFFFF

 21A78F

 84FCE0

 008C75

 A2FFFD

 00725C

 BFFFFFF

 005945

 DDFFFF

 00412F

 FBFFFF

 002B1A

 000C00

 000000

 47C3A9

 47C3A9

■ 33C3A5

■ 5BC3AD

■ 20C3A1

■ 6EC3B1

■ 0CC39D

■ 82C3B5

■ 00C39A

■ 95C3B9

■ A9C3BD

■ BCC3C2

■ CFC3C6

■ E3C3CA

■ F6C3CE

Harmonies

Analogous

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



7BBF85



47C3A9



00C3CF

Triad

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



47C3A9



ACA8F2



E99F74

Complementary

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



47C3A9



C34761

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.



F79591



47C3A9



D99BDA

Square

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



47C3A9



6FB5F9



F393B6



CCAC65

Rectangle

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



47C3A9



00C0E4



F393B6



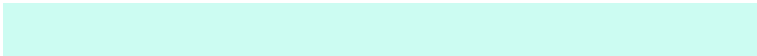
EF9B7C

Sweetspot

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



47C3A9



CCFCF2



62C347



628079



000000



808080

Same Dimension

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



47C3A9



3DFCD4



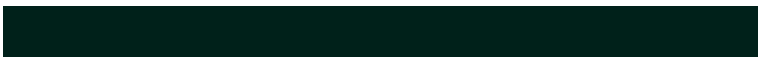
47A0C3



57615F



00A17F



00211A

Inverse Universe

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



C34761



FC3D65



C36A47



615759



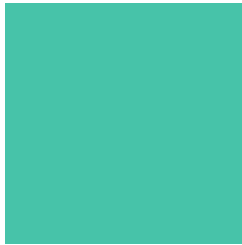
A10022



210007

Previews

White Background



This preview shows how the Hex color 47C3A9 looks on a white background.

Color Contrast Check

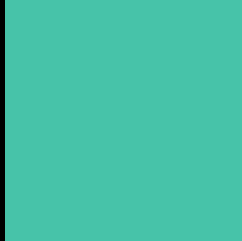
Large Text (above 18pt) WCAG AA × Fail

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 47C3A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

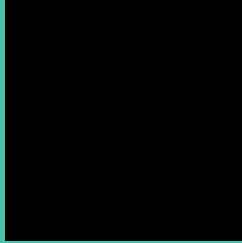
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

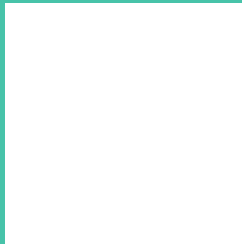
Any Text WCAG AAA ✓ Pass

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

Hex 47C3A9 Background



This preview shows how black text looks on a background with the Hex color 47C3A9.



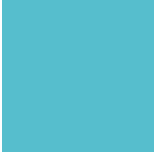
This preview shows how white text looks on a background with the Hex color 47C3A9.

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](#).

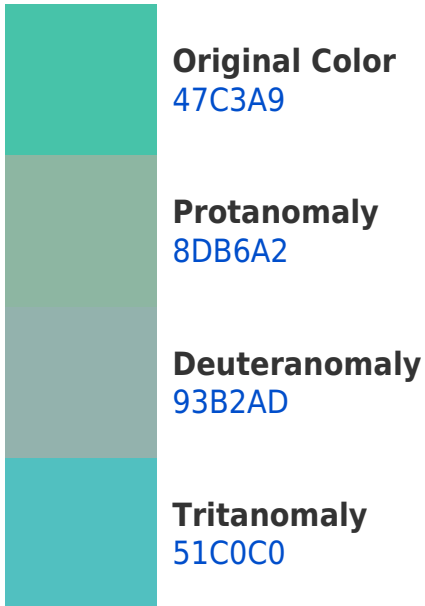
Dichromacy



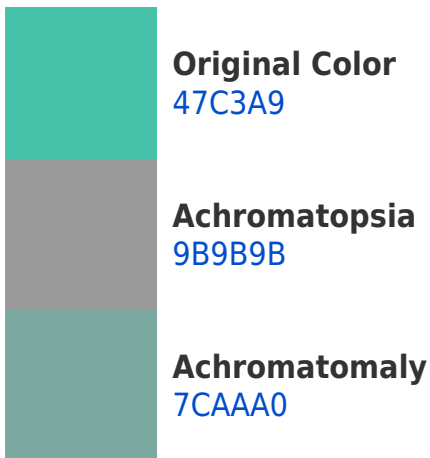


Tritanopia
56BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47C3A9 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 #47C3A9 looks like.

```
.text, #text, p{  
    color:#47C3A9  
}
```

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 #47C3A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47C3A9
}
```

Border

The CSS property to change the border of an element to Hex 47C3A9 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
#47C3A9 }
```

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

```
.border{ border-color:#47C3A9 }
```

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

Here you see how a box with a 4 pixel #47C3A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47C3A9; -webkit-box-shadow:4px 4px  
4px 4px #47C3A9; box-shadow:4px 4px 4px  
4px #47C3A9 }
```

Background

The CSS property to change the background color of an element to Hex 47C3A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47C3A9 }
```

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

```
.background{ background-color:#47C3A9 }
```

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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