

Converting Colors

Hex(47CAA3)

Have a look what the booklet for
Hex(47CAA3) contains.

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Color

Hex(47CAA3)

Conversions

Conversions Part 1

Format	Color
Hex	47CAA3
RGB	71, 202, 163
RGB Percent	28%, 79%, 64%
CMY	0.7216, 0.2078, 0.3608
CMYK	0.65, 0.00, 0.19, 0.21
HSL	162°, 55%, 54%
HSV	162°, 65%, 79%
XYZ	30.3299, 46.2250, 41.9741
YIQ	158.3850, -65.5570, -39.9010

Conversions

Conversions Part 2

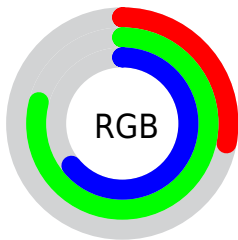
Format	Color
RYB	71, 148, 202
Decimal	4704931
CIELab	73.69, -44.92, 9.08
CIELCh	74, 45.833, 168.571
Yxy	46.2250, 0.2559, 0.3900
Android (android.graphics.Color)	4282895011 (0xFF47CAA3)
YUV	158.3850, 2.2752, -76.6366
Hunter-Lab	67.9890, -39.3517, 10.9886

Details

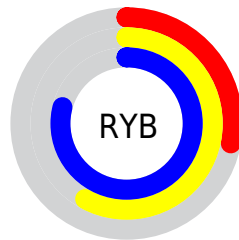
The Hex color **47CAA3** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CA476E**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **85FFDA**, and **00936F** is the 20% darker color. If you saturate the color by 10%, you get **33CA9D**, and if you desaturate by 10%, it is **5BCAA9**.

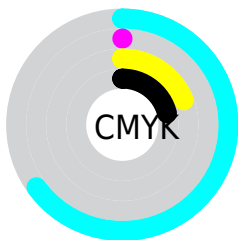
Distribution



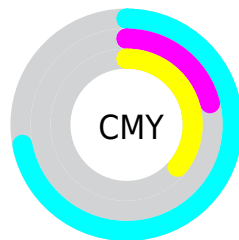
- Red (28%)
- Green (79%)
- Blue (64%)



- Red (28%)
- Yellow (58%)
- Blue (79%)



- Cyan (65%)
- Magenta (0%)
- Yellow (19%)
- Black (21%)



- Cyan (72%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47CAA3 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 47CAA3 by changing the saturation by 10% instead.

 47CAA3

 47CAA3

FFFFFF

 1FAE89

 85FFDA

 00936F

 A3FFF6

 007957

 C0FFFF

 005F40

 DEFFFF

 00462A

 FDFFFF

 002F15

 001500

 000000

 47CAA3

 47CAA3

■ 33CA9D

■ 5BCAA9

■ 1FCA97

■ 6FCAAF

■ 0ACA91

■ 84CAB5

■ 00CA8E

■ 98CABB

■ ACCAC1

■ C0CAC7

■ D4CACD

■ E9CAD3

■ FDCAD9

Harmonies

Analogous

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



85C57C



47CAA3



00CBCE

Triad

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



47CAA3



A0B0FF



FA9E78

Complementary

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



47CAA3



CA476E

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.



FF949C



47CAA3



DAA0ED

Square

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



47CAA3



4EBEFF



FC95C7



DDAD62

Rectangle

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



47CAA3



00C9E8



FC95C7



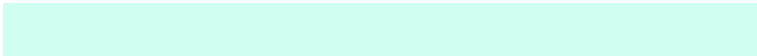
FF9A83

Sweetspot

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



47CAA3



CFFFF1



6ECA47



628077



000000



808080

Same Dimension

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



47CAA3



38FFC4



47B0CA



5C6663



00A674



00261B

Inverse Universe

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



CA476E



FF3873



CA6147



665C5F



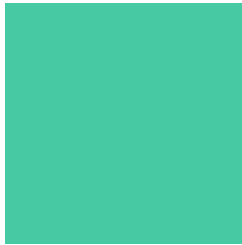
A60031



26000B

Previews

White Background



This preview shows how the Hex color 47CAA3 looks on a white background.

Color Contrast Check

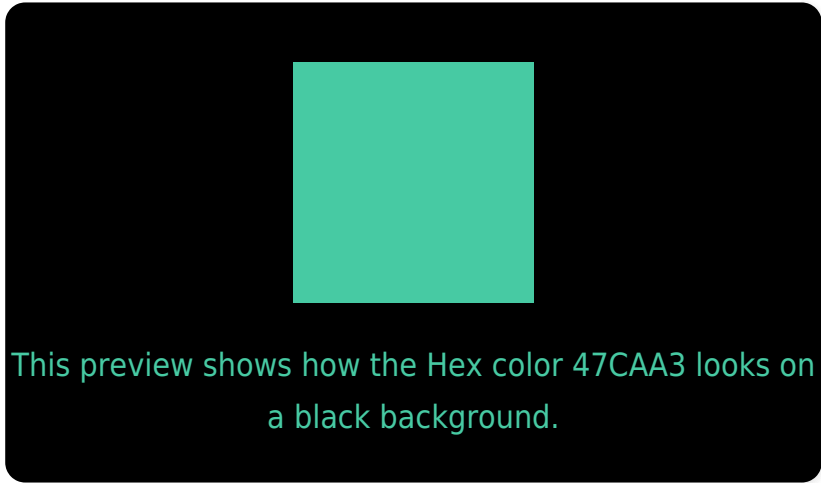
Large Text (above 18pt) WCAG AA × Fail

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

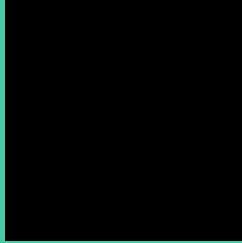
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

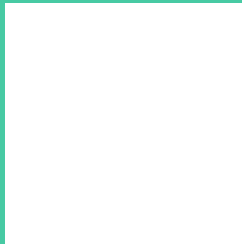
Any Text WCAG AAA ✓ Pass

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

Hex 47CAA3 Background



This preview shows how black text looks on a background with the Hex color 47CAA3.

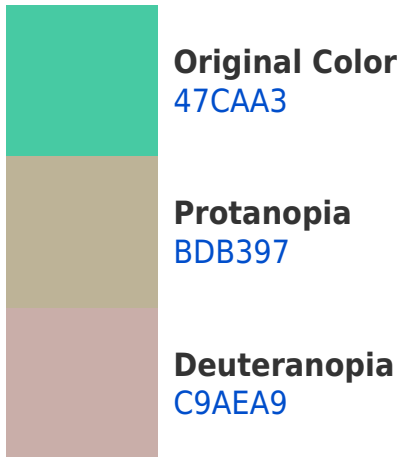


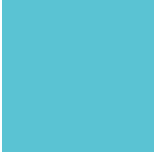
This preview shows how white text looks on a background with the Hex color 47CAA3.

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](#).

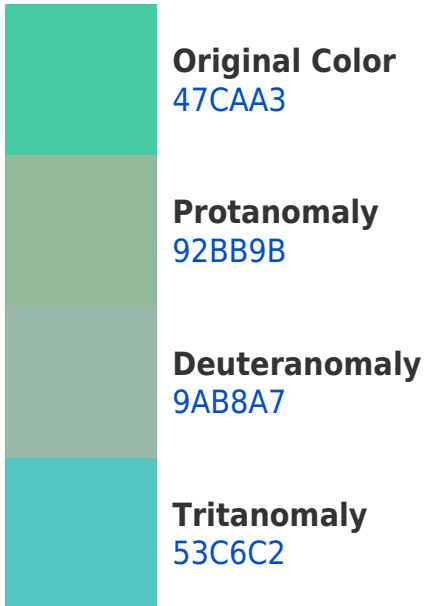
Dichromacy





Tritanopia
5AC3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47CAA3 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 #47CAA3 looks like.

```
.text, #text, p{  
    color:#47CAA3  
}
```

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 #47CAA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47CAA3  
}
```

Border

The CSS property to change the border of an element to Hex 47CAA3 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  
#47CAA3 }
```

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

```
.border{ border-color:#47CAA3 }
```

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

Here you see how a box with a 4 pixel #47CAA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47CAA3; -webkit-box-shadow:4px 4px  
4px 4px #47CAA3; box-shadow:4px 4px 4px  
4px #47CAA3 }
```

Background

The CSS property to change the background color of an element to Hex 47CAA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47CAA3 }
```

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

```
.background{ background-color:#47CAA3 }
```

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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