

# Converting Colors

Hex(47CCAF)

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

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**Color**

**Hex(47CCAF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47CCAF
RGB	71, 204, 175
RGB Percent	28%, 80%, 69%
CMY	0.7216, 0.2000, 0.3137
CMYK	0.65, 0.00, 0.14, 0.20
HSL	167°, 57%, 54%
HSV	167°, 65%, 80%
XYZ	31.9293, 47.6205, 48.0663
YIQ	160.9270, -69.9590, -37.2150

# Conversions

## Conversions Part 2

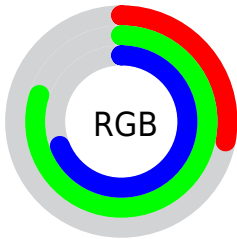
Format	Color
<a href="#">RYB</a>	<a href="#">71, 146, 204</a>
Decimal	<a href="#">4705455</a>
CIELab	<a href="#">74.58, -42.87, 3.90</a>
CIElCh	<a href="#">75, 43.050, 174.808</a>
Yxy	<a href="#">47.6205, 0.2502, 0.3732</a>
Android (android.graphics.Color)	<a href="#">4282895535</a> ( <a href="#">0xFF47CCAF</a> )
YUV	<a href="#">160.9270, 6.9380, -78.8660</a>
Hunter-Lab	<a href="#">69.0076, -38.1727, 7.0077</a>

# Details

The Hex color **47CCAF** 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 **CC4764**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **86FFE6**, and **00957B** is the 20% darker color. If you saturate the color by 10%, you get **33CCAB**, and if you desaturate by 10%, it is **5BCCB3**.

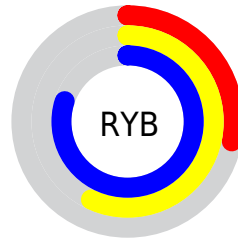
# Distribution



Red (28%)

Green (80%)

Blue (69%)



Red (28%)

Yellow (57%)

Blue (80%)

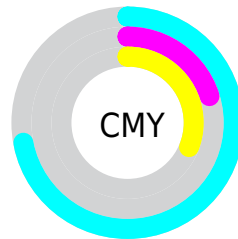


Cyan (65%)

Magenta (0%)

Yellow (14%)

Black (20%)



Cyan (72%)

Magenta (20%)

Yellow (31%)

# Brightness & Saturation Gradients

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



 47CCAF

 47CCAF

FFFFFF

 1EB094

 86FFE6

 00957B

 A4FFFF

 007B62

 C2FFFF

 00614A

 E0FFFF

 004834

FEFFFF

 00311E

 001906

 000000

 47CCAF

 47CCAF

■ 33CCAB

■ 5BCCB3

■ 1ECCA6

■ 70CCB8

■ 0ACCA2

■ 84CCBC

■ 00CCA0

■ 99CCC1

■ ADCCC5

■ C1CCCA

■ D6CCCE

■ EACCD3

■ FFCCD7

# Harmonies

## Analogous

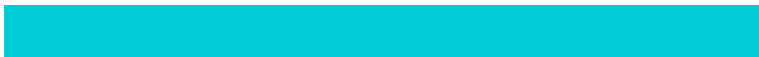
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81C888



47CCAF



00CCD7

# Triad

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



47CCAF



B2B0FF



F5A578

# Complementary

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



47CCAF



CC4764

# 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.



FF9A98



47CCAF



E3A1E6

# Square

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



47CCAF



6EBEFF



FE99C0



D7B368

# Rectangle

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



47CCAF



00C9EE



FE99C0



FCA181

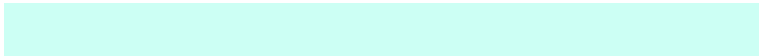


# Sweetspot

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



47CCAF



CCFFF4



66CC47



618079



000000



808080



# Same Dimension

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



47CCAF



38FFD4



47A9CC



5C6664



00A682



00261E



# Inverse Universe

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



CC4764



FF3863



CC6A47



665C5E



A60024

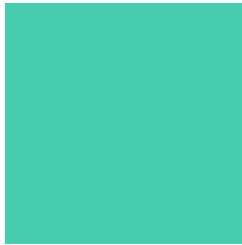


260008



# Previews

## White Background



This preview shows how the Hex color 47CCAF 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 47CCAF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

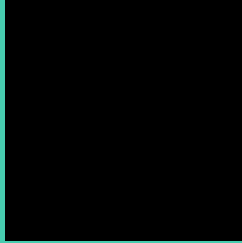
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

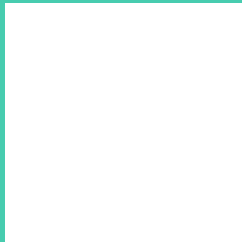
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 47CCAF Background



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



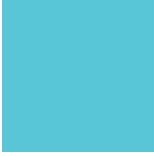
This preview shows how white text looks on a background with the Hex color 47CCAF.

# 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**  
58C6D6

# Trichromacy



**Original Color**  
47CCAF



**Protanomaly**  
93BDA7



**Deuteranomaly**  
99BAB3



**Tritanomaly**  
52C8C8

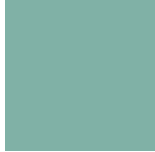
# Monochromacy



**Original Color**  
47CCAF



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
80B1A6

# CSS Examples

## Text

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

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

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 #47CCAF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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