

Converting Colors

Hex(47CF9B)

Have a look what the booklet for
Hex(47CF9B) contains.

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Color

Hex(47CF9B)

Conversions

Conversions Part 1

Format	Color
Hex	47CF9B
RGB	71, 207, 155
RGB Percent	28%, 81%, 61%
CMY	0.7216, 0.1882, 0.3922
CMYK	0.66, 0.00, 0.25, 0.19
HSL	157°, 59%, 55%
HSV	157°, 66%, 81%
XYZ	30.8278, 48.3318, 38.7145
YIQ	160.4080, -64.3640, -45.0040

Conversions

Conversions Part 2

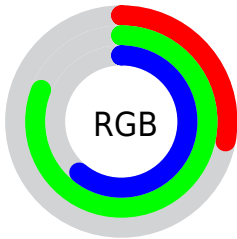
Format	Color
RYB	71, 155, 207
Decimal	4706203
CIELab	75.03, -48.85, 15.27
CIELCh	75, 51.181, 162.646
Yxy	48.3318, 0.2615, 0.4100
Android (android.graphics.Color)	4282896283 (0xFF47CF9B)
YUV	160.4080, -2.6661, -78.4108
Hunter-Lab	69.5211, -42.5096, 15.6477

Details

The Hex color **47CF9B** 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 **CF477B**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **85FFD2**, and **009868** is the 20% darker color. If you saturate the color by 10%, you get **32CF93**, and if you desaturate by 10%, it is **5CCFA3**.

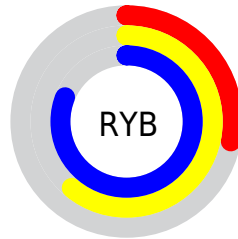
Distribution



Red (28%)

Green (81%)

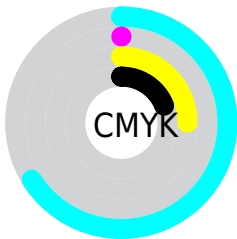
Blue (61%)



Red (28%)

Yellow (61%)

Blue (81%)

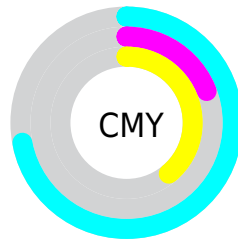


Cyan (66%)

Magenta (0%)

Yellow (25%)

Black (19%)



Cyan (72%)

Magenta (19%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47CF9B 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 47CF9B by changing the saturation by 10% instead.

 47CF9B

 47CF9B

FFFFFF

 1FB381

 85FFD2

 009868

 A3FFEE

 007D50

 C1FFFF

 006338

 DFFFFFF

 004A23

FEFFFF

 00320D

 001A00

 000000

 47CF9B

 47CF9B

 32CF93

 5CCFA3

 1ECF8B

 70CFAB

 09CF83

 85CFB3

 00CF80

 9ACFBB

 AFCFC3

 C3CFCA

 D8CFD2

 EDCFDA

 FFCFE2

Harmonies

Analogous

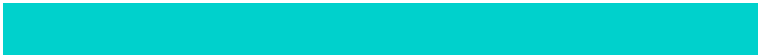
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8EC871



47CF9B



00D1CC

Triad

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



47CF9B



8FB7FF



FF9C7B

Complementary

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



47CF9B



CF477B

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.



FF92A6



47CF9B



D7A5FE

Square

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



47CF9B



00C5FF



FF95D6



ECAC5E

Rectangle

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



47CF9B



00D0EA



FF95D6



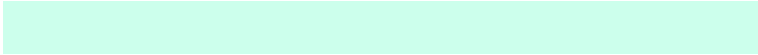
FF9788

Sweetspot

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



47CF9B



CCFFEC



7BCF47



618074



000000



808080

Same Dimension

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



47CF9B



36FFB2



47BFCF



5E6965



00A868



002919

Inverse Universe

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



CF477B



FF3683



CF5747



695E62



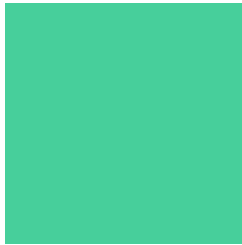
A80040



290010

Previews

White Background



This preview shows how the Hex color 47CF9B 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 47CF9B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

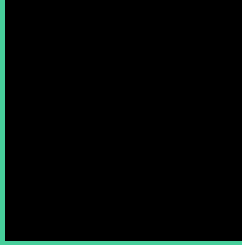
Any Text WCAG AA ✓ Pass

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 47CF9B Background



This preview shows how black text looks on a background with the Hex color 47CF9B.

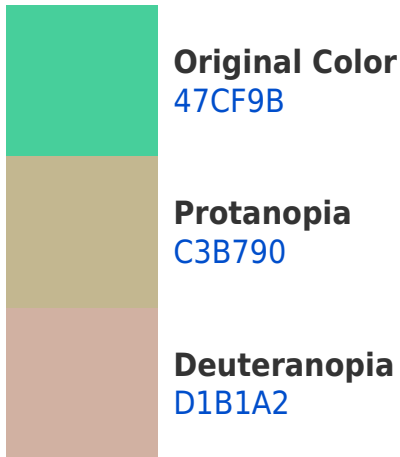


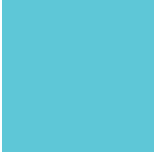
This preview shows how white text looks on a background with the Hex color 47CF9B.

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
5EC7D7

Trichromacy



Original Color

47CF9B



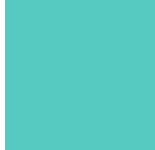
Protanomaly

96C094



Deuteranomaly

9FBC9F



Tritanomaly

56CAC1

Monochromacy



Original Color

47CF9B



Achromatopsia

A0A0A0



Achromatomaly

80B19E

CSS Examples

Text

The CSS property to change the color of the text to Hex 47CF9B 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 #47CF9B looks like.

```
.text, #text, p{  
    color:#47CF9B  
}
```

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 #47CF9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47CF9B
}
```

Border

The CSS property to change the border of an element to Hex 47CF9B 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
#47CF9B }
```

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

```
.border{ border-color:#47CF9B }
```

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

Here you see how a box with a 4 pixel #47CF9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47CF9B; -webkit-box-shadow:4px 4px  
4px 4px #47CF9B; box-shadow:4px 4px 4px  
4px #47CF9B }
```

Background

The CSS property to change the background color of an element to Hex 47CF9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47CF9B }
```

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

```
.background{ background-color:#47CF9B }
```

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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