

Converting Colors

Hex(49CF9D)

Have a look what the booklet for
Hex(49CF9D) contains.

Hex(49CF9D)	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(49CF9D)

Conversions

Conversions Part 1

Format	Color
Hex	49CF9D
RGB	73, 207, 157
RGB Percent	29%, 81%, 62%
CMY	0.7137, 0.1882, 0.3843
CMYK	0.65, 0.00, 0.24, 0.19
HSL	158°, 58%, 55%
HSV	158°, 65%, 81%
XYZ	31.1463, 48.4764, 39.6136
YIQ	161.2340, -63.8140, -43.9580

Conversions

Conversions Part 2

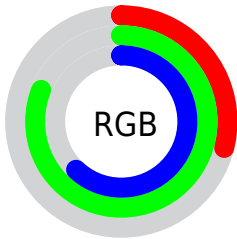
Format	Color
RYB	73, 155, 207
Decimal	4837277
CIELab	75.12, -48.06, 14.33
CIELCh	75, 50.155, 163.394
Yxy	48.4764, 0.2612, 0.4066
Android (android.graphics.Color)	4283027357 (0xFF49CF9D)
YUV	161.2340, -2.0874, -77.3812
Hunter-Lab	69.6250, -41.9930, 15.0041

Details

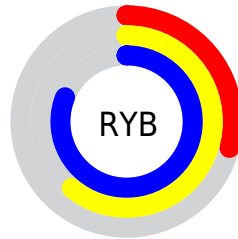
The Hex color **49CF9D** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CF497B**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **87FFD4**, and **00986A** is the 20% darker color. If you saturate the color by 10%, you get **34CF95**, and if you desaturate by 10%, it is **5ECFA5**.

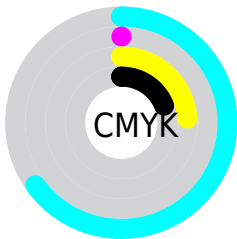
Distribution



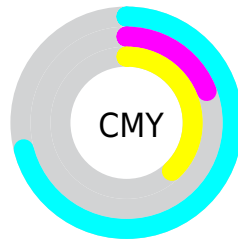
- Red (29%)
- Green (81%)
- Blue (62%)



- Red (29%)
- Yellow (61%)
- Blue (81%)



- Cyan (65%)
- Magenta (0%)
- Yellow (24%)
- Black (19%)



- Cyan (71%)
- Magenta (19%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49CF9D 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 49CF9D by changing the saturation by 10% instead.

 49CF9D

 49CF9D

FFFFFF

 22B383

 87FFD4

 00986A

 A5FFF0

 007D51

 C3FFFF

 00633A

 E1FFFF

 004A24

 00330F

 001A00

 000000

 49CF9D

 49CF9D

 34CF95

 5ECFA5

 20CF8E

 72CFAC

 0BCF86

 87CFB4

 00CF82

 9CCFBC

 B1CFC4

 C5CFCB

 DACFD3

 EFCFDB

 FFCFE3

Harmonies

Analogous

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



8EC874



49CF9D



00D1CD

Triad

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



49CF9D



93B7FF



FF9D7C

Complementary

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



49CF9D



CF497B

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.



FF93A6



49CF9D



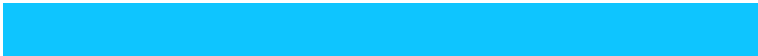
D8A5FC

Square

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



49CF9D



0EC5FF



FF96D5



EBAD60

Rectangle

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



49CF9D



00CFEA



FF96D5



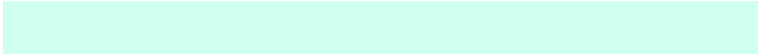
FF9989

Sweetspot

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



49CF9D



CFFFED



7CCF49



628075



000000



808080

Same Dimension

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



49CF9D



38FFB5



49BFCF



5E6965



00A86A



00291A

Inverse Universe

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



CF497B



FF3882



CF5949



695E62



A8003F



29000F

Previews

White Background



This preview shows how the Hex color 49CF9D looks on a white background.

Color Contrast Check

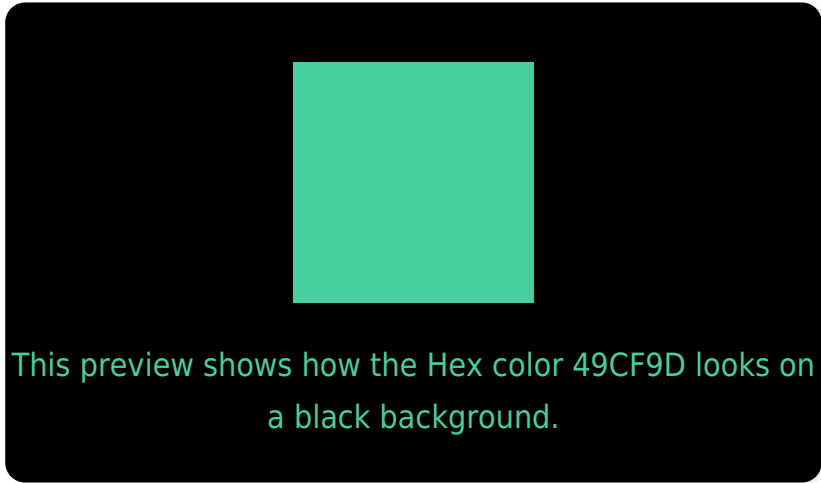
Large Text (above 18pt) WCAG AA × Fail

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

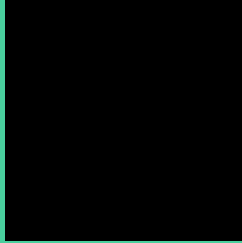
Any Text WCAG AA ✓ Pass

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 49CF9D Background



This preview shows how black text looks on a background with the Hex color 49CF9D.

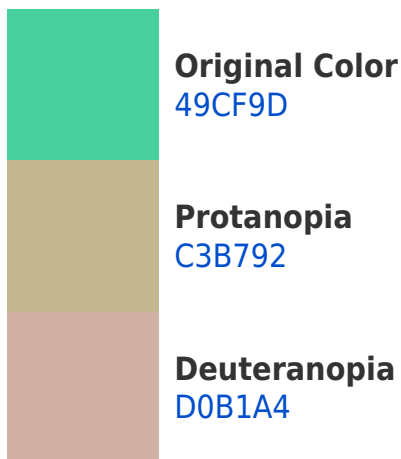


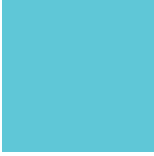
This preview shows how white text looks on a background with the Hex color 49CF9D.

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](#).

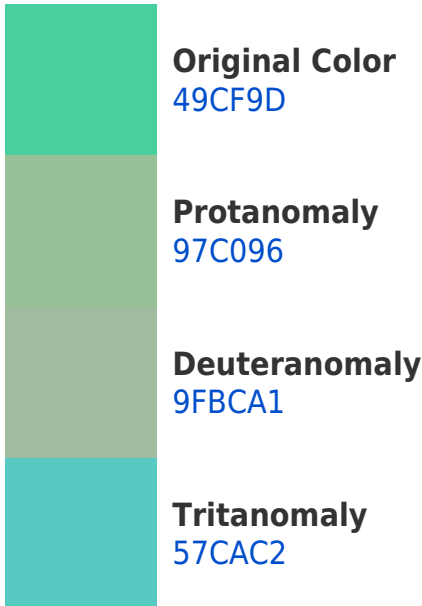
Dichromacy



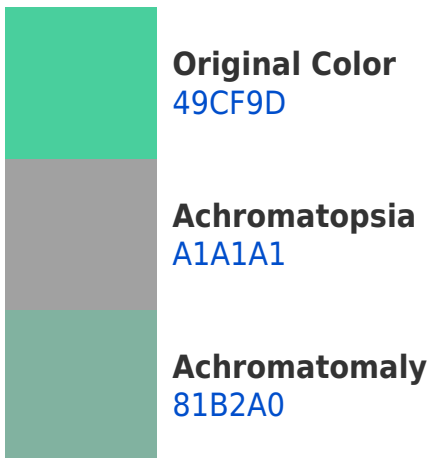


Tritanopia
5FC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49CF9D 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 #49CF9D looks like.

```
.text, #text, p{  
    color:#49CF9D  
}
```

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 #49CF9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49CF9D
}
```

Border

The CSS property to change the border of an element to Hex 49CF9D 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
#49CF9D }
```

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

```
.border{ border-color:#49CF9D }
```

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

Here you see how a box with a 4 pixel #49CF9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49CF9D; -webkit-box-shadow:4px 4px  
4px 4px #49CF9D; box-shadow:4px 4px 4px  
4px #49CF9D }
```

Background

The CSS property to change the background color of an element to Hex 49CF9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49CF9D }
```

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

```
.background{ background-color:#49CF9D }
```

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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