

Converting Colors

Hex(49C96F)

Have a look what the booklet for
Hex(49C96F) contains.

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Color

Hex(49C96F)

Conversions

Conversions Part 1

Format	Color
Hex	49C96F
RGB	73, 201, 111
RGB Percent	29%, 79%, 44%
CMY	0.7137, 0.2118, 0.5647
CMYK	0.64, 0.00, 0.45, 0.21
HSL	138°, 54%, 54%
HSV	138°, 64%, 79%
XYZ	26.5035, 44.3375, 22.2000
YIQ	152.4680, -47.3980, -55.1260

Conversions

Conversions Part 2

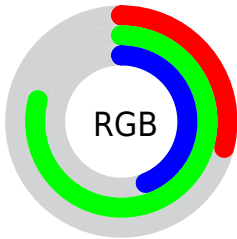
Format	Color
RYB	73, 172, 201
Decimal	4835695
CIELab	72.45, -54.61, 34.79
CIElCh	72, 64.750, 147.498
Yxy	44.3375, 0.2849, 0.4765
Android (android.graphics.Color)	4283025775 (0xFF49C96F)
YUV	152.4680, -20.4437, -69.6934
Hunter-Lab	66.5864, -45.4774, 26.8431

Details

The Hex color **49C96F** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C949A3**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **86FFA4**, and **00923D** is the 20% darker color. If you saturate the color by 10%, you get **35C961**, and if you desaturate by 10%, it is **5DC97D**.

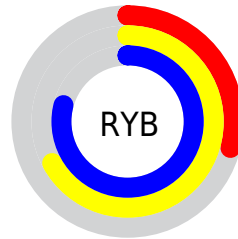
Distribution



Red (29%)

Green (79%)

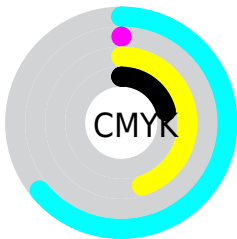
Blue (44%)



Red (29%)

Yellow (67%)

Blue (79%)

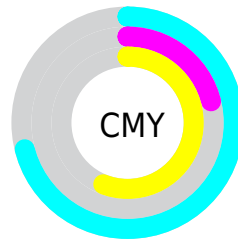


Cyan (64%)

Magenta (0%)

Yellow (45%)

Black (21%)



Cyan (71%)

Magenta (21%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49C96F 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 49C96F by changing the saturation by 10% instead.

 49C96F

 49C96F

FFFFFF

 24AD56

 86FFA4

 00923D

 A4FFBF

 007725

 C1FFDB

 005D0B

 DFFFF8

 004400

 FDFFFF

 002E00

 001000

 000000

 49C96F

 49C96F

■ 35C961

■ 5DC97D

■ 21C953

■ 71C98B

■ 0DC945

■ 85C999

■ 00C93C

■ 99C9A8

■ AEC9B6

■ C2C9C4

■ D6C9D2

■ EAC9E0

■ FEC9EE

Harmonies

Analogous

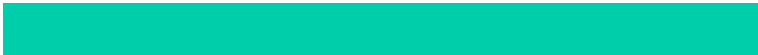
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9BBE40



49C96F



00CEAB

Triad

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



49C96F



00BAFF



FF817F

Complementary

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



49C96F



C949A3

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.



FF7BB9



49C96F



AAA4FF

Square

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



49C96F



00C8FF



F58BF2



FF964D

Rectangle

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



49C96F



00CED4



F58BF2



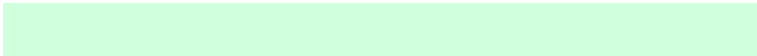
FF7D91

Sweetspot

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



49C96F



CFFFDD



A5C949



62806B



000000



808080

Same Dimension

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



49C96F



3DFF77



49C9AD



5A635C



00A330



00240B

Inverse Universe

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



C949A3



FF3DC5



C94965



635A60



A30073



240019

Previews

White Background



This preview shows how the Hex color 49C96F looks on a white background.

Color Contrast Check

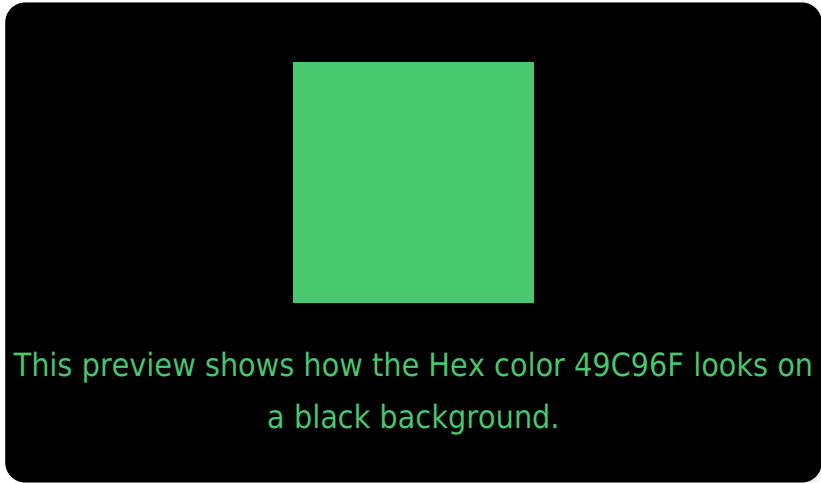
Large Text (above 18pt) WCAG AA × Fail

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

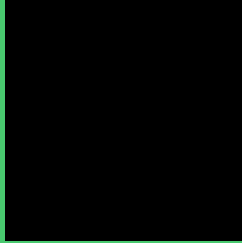
Any Text WCAG AA ✓ Pass

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 49C96F Background



This preview shows how black text looks on a background with the Hex color 49C96F.

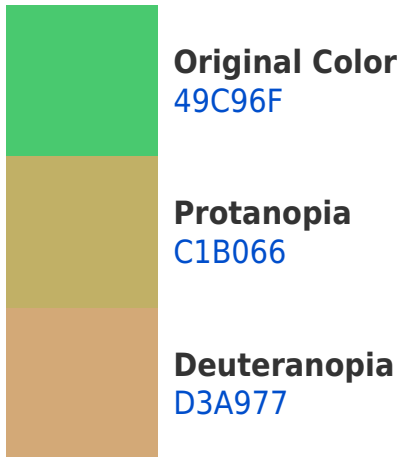


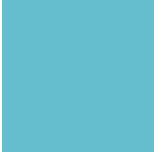
This preview shows how white text looks on a background with the Hex color 49C96F.

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





Trichromacy



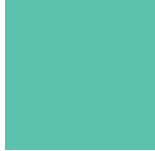
Original Color
49C96F



Protanomaly
95B969



Deuteranomaly
A1B574



Tritanomaly
5BC2AB

Monochromacy



Original Color
49C96F



Achromatopsia
989898



Achromatomaly
7BAA89

CSS Examples

Text

The CSS property to change the color of the text to Hex 49C96F 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 #49C96F looks like.

```
.text, #text, p{  
    color:#49C96F  
}
```

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 #49C96F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49C96F
}
```

Border

The CSS property to change the border of an element to Hex 49C96F 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
#49C96F }
```

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

```
.border{ border-color:#49C96F }
```

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

Here you see how a box with a 4 pixel #49C96F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49C96F; -webkit-box-shadow:4px 4px  
4px 4px #49C96F; box-shadow:4px 4px 4px  
4px #49C96F }
```

Background

The CSS property to change the background color of an element to Hex 49C96F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49C96F }
```

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

```
.background{ background-color:#49C96F }
```

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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