

Converting Colors

Hex(49D46C)

Have a look what the booklet for
Hex(49D46C) contains.

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Color

Hex(49D46C)

Conversions

Conversions Part 1

Format	Color
Hex	49D46C
RGB	73, 212, 108
RGB Percent	29%, 83%, 42%
CMY	0.7137, 0.1686, 0.5765
CMYK	0.66, 0.00, 0.49, 0.17
HSL	135°, 62%, 56%
HSV	135°, 66%, 83%
XYZ	28.9979, 49.5861, 22.2301
YIQ	158.5830, -49.4600, -61.8120

Conversions

Conversions Part 2

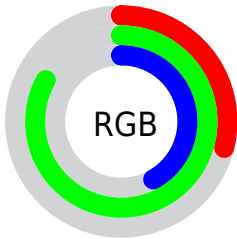
Format	Color
RYB	73, 184, 212
Decimal	4838508
CIELab	75.81, -59.15, 40.53
CIElCh	76, 71.709, 145.580
Yxy	49.5861, 0.2876, 0.4919
Android (android.graphics.Color)	4283028588 (0xFF49D46C)
YUV	158.5830, -24.9374, -75.0563
Hunter-Lab	70.4174, -49.7242, 30.5749

Details

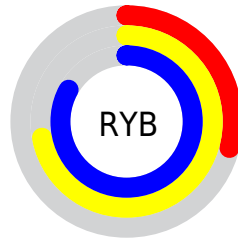
The Hex color **49D46C** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **D449B1**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **88FFA1**, and **009C39** is the 20% darker color. If you saturate the color by 10%, you get **34D45C**, and if you desaturate by 10%, it is **5ED47C**.

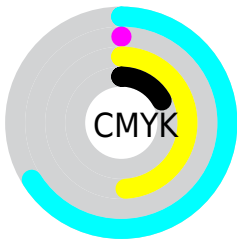
Distribution



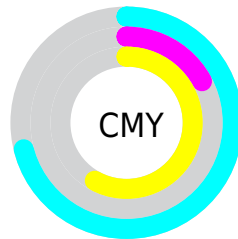
- Red (29%)
- Green (83%)
- Blue (42%)



- Red (29%)
- Yellow (72%)
- Blue (83%)



- Cyan (66%)
- Magenta (0%)
- Yellow (49%)
- Black (17%)



- Cyan (71%)
- Magenta (17%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49D46C 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 49D46C by changing the saturation by 10% instead.

 49D46C

 49D46C

FFFFFF

 20B852


 88FFA1

 009C39

 A6FFBD

 008120

 C4FFD9

 006701

 E2FFF6

 004D00

 003600

 001D00

 000000

 49D46C

 49D46C

 34D45C

 5ED47C

 1FD44C

 73D48C

 09D43C

 89D49C

 00D435

 9ED4AB

 B3D4BB

 C8D4CB

 DDD4DB

 F3D4EB

 FFD4FB

Harmonies

Analogous

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



A5C836



49D46C



00DAAF

Triad

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



49D46C



00C5FF



FF8286

Complementary

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



49D46C



D449B1

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.



FF7DC8



49D46C



AAADFF

Square

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



49D46C



00D4FF



FF90FF



FF9A4D

Rectangle

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



49D46C



00DBDC



FF90FF



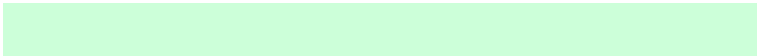
FF7D9B

Sweetspot

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



49D46C



CCFFD9



B1D449



618069



000000



808080

Same Dimension

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



49D46C



36FF68



49D4B1



606B63



00AB2B



002B0B

Inverse Universe

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



D449B1



FF36CC



D4496C



6B6068



AB0080



2B0020

Previews

White Background



This preview shows how the Hex color 49D46C looks on a white background.

Color Contrast Check

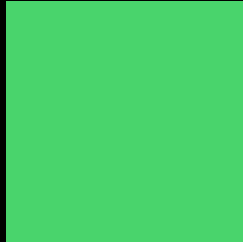
Large Text (above 18pt) WCAG AA × Fail

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 49D46C 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 49D46C Background



This preview shows how black text looks on a background with the Hex color 49D46C.

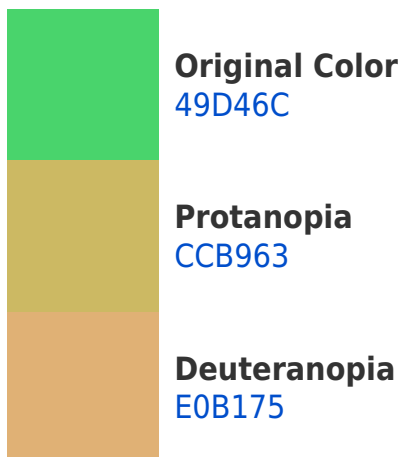


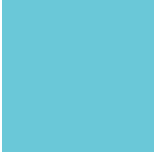
This preview shows how white text looks on a background with the Hex color 49D46C.

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
6AC8D8

Trichromacy



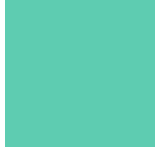
Original Color
49D46C



Protanomaly
9CC366



Deuteranomaly
A9BE72



Tritanomaly
5ECCB1

Monochromacy



Original Color
49D46C



Achromatopsia
9F9F9F



Achromatomaly
80B28C

CSS Examples

Text

The CSS property to change the color of the text to Hex 49D46C 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 #49D46C looks like.

```
.text, #text, p{  
    color:#49D46C  
}
```

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 #49D46C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49D46C
}
```

Border

The CSS property to change the border of an element to Hex 49D46C 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
#49D46C }
```

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

```
.border{ border-color:#49D46C }
```

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

Here you see how a box with a 4 pixel #49D46C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49D46C; -webkit-box-shadow:4px 4px  
4px 4px #49D46C; box-shadow:4px 4px 4px  
4px #49D46C }
```

Background

The CSS property to change the background color of an element to Hex 49D46C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49D46C }
```

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

```
.background{ background-color:#49D46C }
```

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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