

Converting Colors

Hex(49A65C)

Have a look what the booklet for
Hex(49A65C) contains.

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Color

Hex(49A65C)

Conversions

Conversions Part 1

Format	Color
Hex	49A65C
RGB	73, 166, 92
RGB Percent	29%, 65%, 36%
CMY	0.7137, 0.3490, 0.6392
CMYK	0.56, 0.00, 0.45, 0.35
HSL	132°, 39%, 47%
HSV	132°, 56%, 65%
XYZ	18.3156, 29.4616, 14.8465
YIQ	129.7570, -31.6740, -42.7300

Conversions

Conversions Part 2

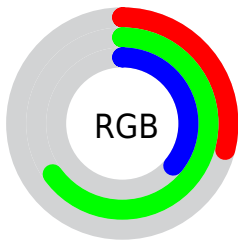
Format	Color
RYB	73, 150, 166
Decimal	4826716
CIELab	61.19, -43.90, 30.14
CIElCh	61, 53.252, 145.528
Yxy	29.4616, 0.2925, 0.4705
Android (android.graphics.Color)	4283016796 (0xFF49A65C)
YUV	129.7570, -18.6142, -49.7759
Hunter-Lab	54.2786, -34.7548, 21.7777

Details

The Hex color **49A65C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A64993**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **81DE8F**, and **00712C** is the 20% darker color. If you saturate the color by 10%, you get **38A64F**, and if you desaturate by 10%, it is **5AA669**.

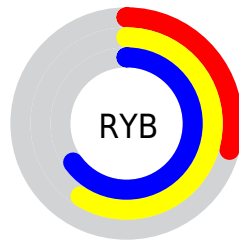
Distribution



Red (29%)

Green (65%)

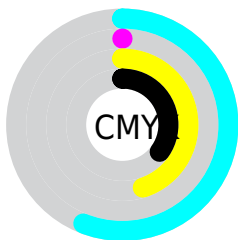
Blue (36%)



Red (29%)

Yellow (59%)

Blue (65%)

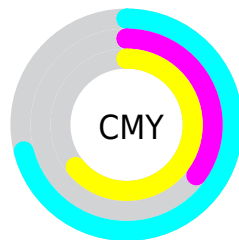


Cyan (56%)

Magenta (0%)

Yellow (45%)

Black (35%)



Cyan (71%)

Magenta (35%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49A65C 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 49A65C by changing the saturation by 10% instead.



49A65C



49A65C

FFFFFF



2B8B44



81DE8F



00712C



9DFBAA



005815



B9FFC6



003F00



D6FFE2



002A00



F4FFFF



000800



000000



49A65C



49A65C



38A64F



5AA669

 28A642

 6AA676

 17A634

 7BA684

 07A627

 8BA691

 00A622

 9CA69E

 ADA6AB

 BDA6B8

 CEA6C6

 DEA6D3

Harmonies

Analogous

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



869D39



49A65C



00AA8B

Triad

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



49A65C



009BF1



E96D6E

Complementary

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



49A65C



A64993

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.



E56A9D



49A65C



8A8AE9

Square

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



49A65C



00A6E0



C777CA



D77D47

Rectangle

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



49A65C



00ABAB



C777CA



EB6A7D

Sweetspot

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



49A65C



B4D9BB



93A649



586E5C



EDEDED



6E6E6E

Same Dimension

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



49A65C



48D965



49A68A



4C544D



00941E



001404

Inverse Universe

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



A64993



D948BB



A64965



544C52



940076



140010

Previews

White Background



This preview shows how the Hex color 49A65C looks on a white background.

Color Contrast Check

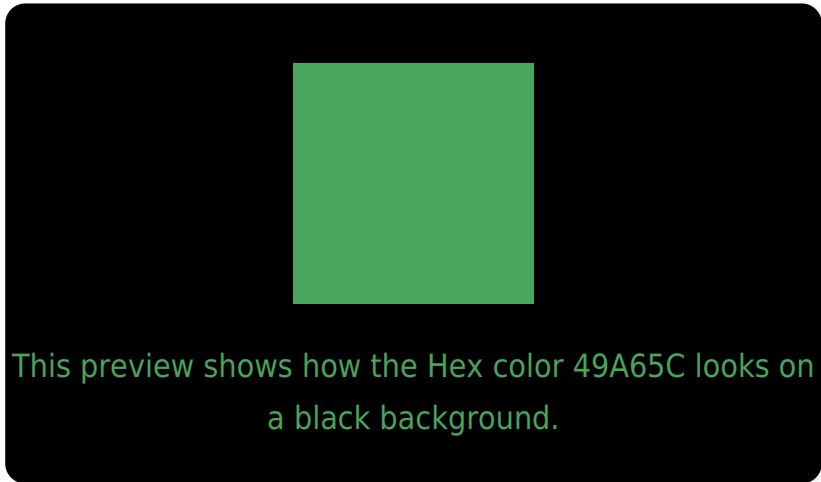
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 49A65C Background



This preview shows how black text looks on a background with the Hex color 49A65C.

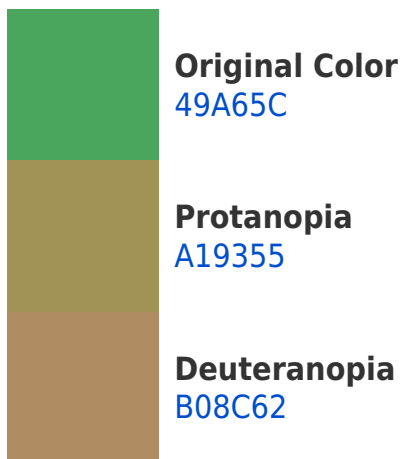


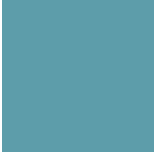
This preview shows how white text looks on a background with the Hex color 49A65C.

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
5D9DAA

Trichromacy



Original Color
49A65C



Protanomaly
819A58



Deuteranomaly
8B9560



Tritanomaly
56A08E

Monochromacy



Original Color
49A65C



Achromatopsia
828282



Achromatomaly
6D8F74

CSS Examples

Text

The CSS property to change the color of the text to Hex 49A65C 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 #49A65C looks like.

```
.text, #text, p{  
    color:#49A65C  
}
```

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 #49A65C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49A65C
}
```

Border

The CSS property to change the border of an element to Hex 49A65C 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
#49A65C }
```

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

```
.border{ border-color:#49A65C }
```

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

Here you see how a box with a 4 pixel #49A65C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49A65C; -webkit-box-shadow:4px 4px  
4px 4px #49A65C; box-shadow:4px 4px 4px  
4px #49A65C }
```

Background

The CSS property to change the background color of an element to Hex 49A65C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49A65C }
```

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

```
.background{ background-color:#49A65C }
```

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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