

Converting Colors

Hex(49A646)

Have a look what the booklet for
Hex(49A646) contains.

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Color

Hex(49A646)

Conversions

Conversions Part 1

Format	Color
Hex	49A646
RGB	73, 166, 70
RGB Percent	29%, 65%, 27%
CMY	0.7137, 0.3490, 0.7255
CMYK	0.56, 0.00, 0.58, 0.35
HSL	118°, 41%, 46%
HSV	118°, 58%, 65%
XYZ	17.4894, 29.1311, 10.4954
YIQ	127.2490, -24.6120, -49.5720

Conversions

Conversions Part 2

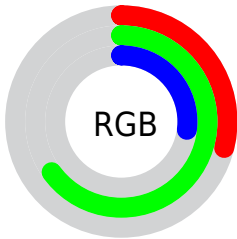
Format	Color
RYB	70, 166, 163
Decimal	4826694
CIELab	60.90, -47.06, 40.88
CIELCh	61, 62.338, 139.022
Yxy	29.1311, 0.3062, 0.5100
Android (android.graphics.Color)	4283016774 (0xFF49A646)
YUV	127.2490, -28.2238, -47.5764
Hunter-Lab	53.9732, -36.6124, 26.2520

Details

The Hex color **49A646** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A346A6**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **82DE79**, and **007112** is the 20% darker color. If you saturate the color by 10%, you get **39A635**, and if you desaturate by 10%, it is **59A657**.

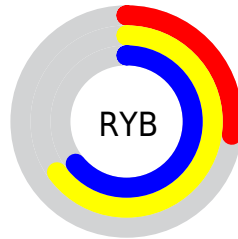
Distribution



Red (29%)

Green (65%)

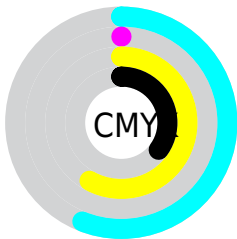
Blue (27%)



Red (27%)

Yellow (65%)

Blue (64%)

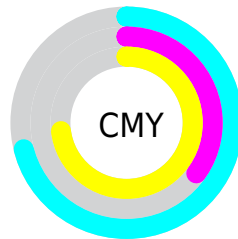


Cyan (56%)

Magenta (0%)

Yellow (58%)

Black (35%)



Cyan (71%)

Magenta (35%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49A646 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 49A646 by changing the saturation by 10% instead.



49A646



49A646

FFFFFF



2A8B2D



82DE79



007112



9EFB94



005800



BBFFAF



003F00



D8FFCB



002A00



F5FFE7



000600



000000



49A646



49A646



39A635



59A657

 29A625

 69A667

 19A614

 79A678

 09A604

 89A688

 05A600

 99A699

 A9A6AA

 BAA6BA

 CAA6CB

 DAA6DB

Harmonies

Analogous

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



8D9B1B



49A646



00AC7C

Triad

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



49A646



009FFF



F66072

Complementary

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



49A646



A346A6

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.



EC60AA



49A646



6B8DFC

Square

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



49A646



00A9E5



C175DC



E57241

Rectangle

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



49A646



00ADA3



C175DC



F65D85

Sweetspot

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



49A646



B5D9B4



A6A346



586E58



EDEDED



6E6E6E

Same Dimension

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



49A646



48D943



46A673



4C544C



059400



011400

Inverse Universe

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



A346A6



D443D9



A64679



544C54



8F0094



140014

Previews

White Background



This preview shows how the Hex color 49A646 looks on a white background.

Color Contrast Check

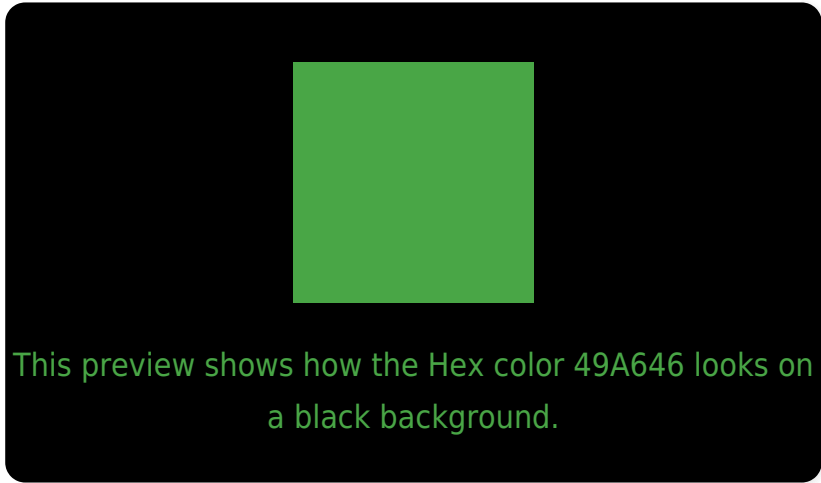
Large Text (above 18pt) WCAG AA ✓ Pass

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

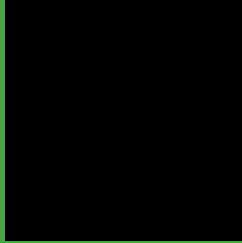
Any Text WCAG AA ✓ Pass

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 49A646 Background



This preview shows how black text looks on a background with the Hex color 49A646.

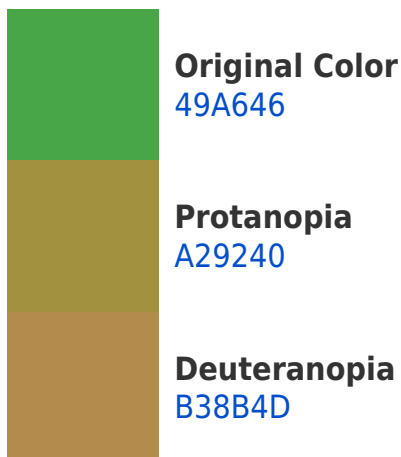


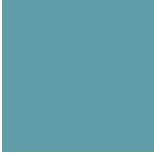
This preview shows how white text looks on a background with the Hex color 49A646.

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
5F9CA8

Trichromacy



Original Color
49A646



Protanomaly
829942



Deuteranomaly
8C954A



Tritanomaly
57A084

Monochromacy



Original Color
49A646



Achromatopsia
7F7F7F



Achromatomaly
6B8D6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 49A646 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 #49A646 looks like.

```
.text, #text, p{  
    color:#49A646  
}
```

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 #49A646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49A646
}
```

Border

The CSS property to change the border of an element to Hex 49A646 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
#49A646 }
```

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

```
.border{ border-color:#49A646 }
```

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

Here you see how a box with a 4 pixel #49A646 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49A646; -webkit-box-shadow:4px 4px  
4px 4px #49A646; box-shadow:4px 4px 4px  
4px #49A646 }
```

Background

The CSS property to change the background color of an element to Hex 49A646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49A646 }
```

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

```
.background{ background-color:#49A646 }
```

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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