

Converting Colors

Hex(4A9846)

Have a look what the booklet for
Hex(4A9846) contains.

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Color

Hex(4A9846)

Conversions

Conversions Part 1

Format	Color
Hex	4A9846
RGB	74, 152, 70
RGB Percent	29%, 60%, 27%
CMY	0.7098, 0.4039, 0.7255
CMYK	0.51, 0.00, 0.54, 0.40
HSL	117°, 37%, 44%
HSV	117°, 54%, 60%
XYZ	15.1578, 24.3545, 9.6963
YIQ	119.3300, -20.1660, -42.0380

Conversions

Conversions Part 2

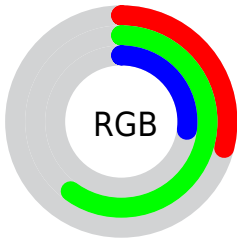
Format	Color
RYB	70, 152, 148
Decimal	4888646
CIELab	56.44, -41.10, 35.59
CIELCh	56, 54.365, 139.113
Yxy	24.3545, 0.3080, 0.4949
Android (android.graphics.Color)	4283078726 (0xFF4A9846)
YUV	119.3300, -24.3197, -39.7544
Hunter-Lab	49.3503, -31.5374, 22.8959

Details

The Hex color **4A9846** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **944698**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **81CF78**, and **096415** is the 20% darker color. If you saturate the color by 10%, you get **3C9837**, and if you desaturate by 10%, it is **589855**.

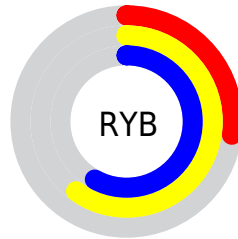
Distribution



Red (29%)

Green (60%)

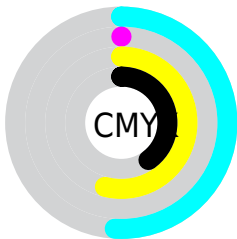
Blue (27%)



Red (27%)

Yellow (60%)

Blue (58%)

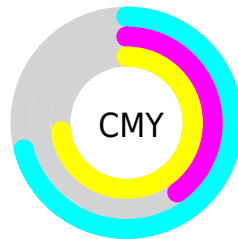


Cyan (51%)

Magenta (0%)

Yellow (54%)

Black (40%)



Cyan (71%)

Magenta (40%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A9846 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 4A9846 by changing the saturation by 10% instead.



4A9846



4A9846

FFFFFF



2E7E2E



81CF78



096415



9CEB93



004B00



B8FFAE



003400



D5FFC9



001F00



F2FFE6



000000



4A9846



4A9846



3C9837



589855



2D9828



679864

■ 1F9818

■ 759874

■ 109809

■ 849883

■ 079800

■ 929892

■ A198A1

■ AF98B0

■ BE98C0

■ CC98CF

Harmonies

Analogous

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



838E25



4A9846



009D74

Triad

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



4A9846



0092E4



DE5D6B

Complementary

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



4A9846



944698

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.



D55D9B



4A9846



6982E1

Square

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



4A9846



009BCE



B06EC6



CF6C41

Rectangle

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



4A9846



009E95



B06EC6



DD5B7B

Sweetspot

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



4A9846



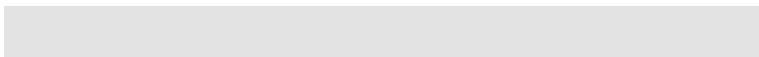
A6C4A5



989446



516351



E3E3E3



636363

Same Dimension

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



4A9846



4BC445



46986B



454D45



078C00



010D00

Inverse Universe

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



944698



BE45C4



984673



4C454D



85008C



0C000D

Previews

White Background



This preview shows how the Hex color 4A9846 looks on a white background.

Color Contrast Check

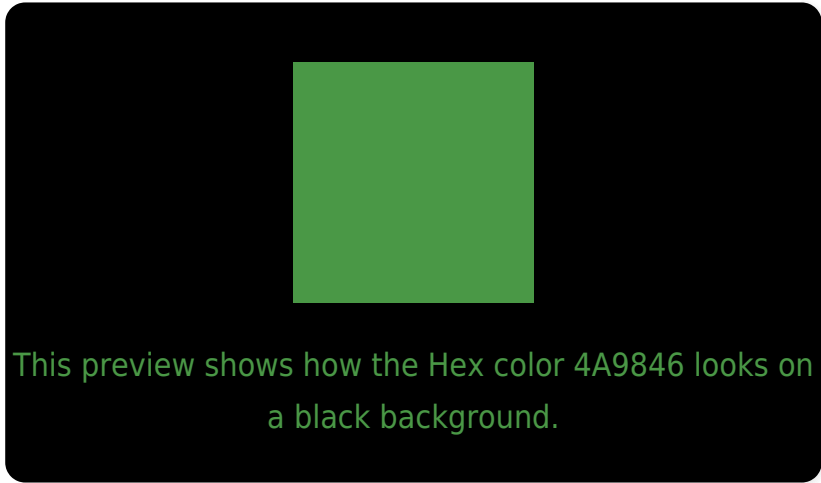
Large Text (above 18pt) WCAG AA ✓ Pass

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

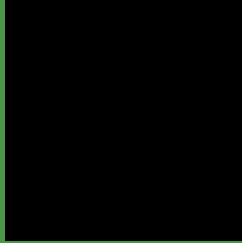
Any Text WCAG AA ✓ Pass

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 4A9846 Background



This preview shows how black text looks on a background with the Hex color 4A9846.



This preview shows how white text looks on a background with the Hex color 4A9846.

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



Original Color
4A9846

Protanopia
958740

Deuteranopia
A4804C



Tritanopia
5C8F9A

Trichromacy



Original Color
4A9846



Protanomaly
7A8D42



Deuteranomaly
83894A



Tritanomaly
55927B

Monochromacy



Original Color
4A9846



Achromatopsia
777777



Achromatomaly
678365

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A9846 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 #4A9846 looks like.

```
.text, #text, p{  
    color:#4A9846  
}
```

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 #4A9846 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A9846
}
```

Border

The CSS property to change the border of an element to Hex 4A9846 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
#4A9846 }
```

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

```
.border{ border-color:#4A9846 }
```

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

Here you see how a box with a 4 pixel #4A9846 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A9846; -webkit-box-shadow:4px 4px  
4px 4px #4A9846; box-shadow:4px 4px 4px  
4px #4A9846 }
```

Background

The CSS property to change the background color of an element to Hex 4A9846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A9846 }
```

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

```
.background{ background-color:#4A9846 }
```

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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