

Converting Colors

Hex(49A040)

Have a look what the booklet for
Hex(49A040) contains.

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Color

Hex(49A040)

Conversions

Conversions Part 1

Format	Color
Hex	49A040
RGB	73, 160, 64
RGB Percent	29%, 63%, 25%
CMY	0.7137, 0.3725, 0.7490
CMYK	0.54, 0.00, 0.60, 0.37
HSL	114°, 43%, 44%
HSV	114°, 60%, 63%
XYZ	16.2439, 26.9282, 9.1920
YIQ	123.0430, -21.0360, -48.3000

Conversions

Conversions Part 2

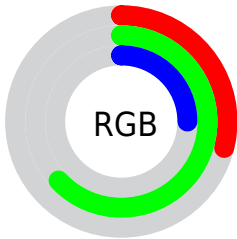
Format	Color
RYB	64, 160, 151
Decimal	4825152
CIELab	58.91, -45.41, 41.41
CIElCh	59, 61.456, 137.632
Yxy	26.9282, 0.3102, 0.5142
Android (android.graphics.Color)	4283015232 (0xFF49A040)
YUV	123.0430, -29.1082, -43.8877
Hunter-Lab	51.8924, -34.9360, 25.8223

Details

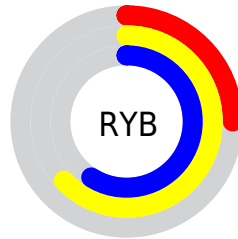
The Hex color **49A040** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9740A0**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **81D873**, and **006B0A** is the 20% darker color. If you saturate the color by 10%, you get **3BA030**, and if you desaturate by 10%, it is **58A050**.

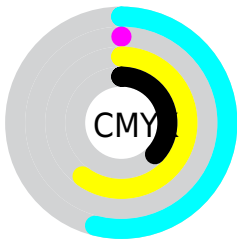
Distribution



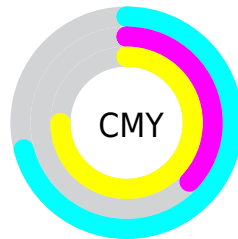
- Red (29%)
- Green (63%)
- Blue (25%)



- Red (25%)
- Yellow (63%)
- Blue (59%)



- Cyan (54%)
- Magenta (0%)
- Yellow (60%)
- Black (37%)



- Cyan (71%)
- Magenta (37%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49A040 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 49A040 by changing the saturation by 10% instead.



49A040



49A040

FFFFFF



2B8527



81D873



006B0A



9DF48D



005200



BAFFA8



003A00



D6FFC4



002500



F4FFE1



000000

FFFFFFE



49A040



49A040



3BA030



58A050

 2CA020

 66A060

 1DA010

 75A070

 0FA000

 83A080

 92A090

 A0A0A0

 AFA0B0

 BDA0C0

 CCA0D0

Harmonies

Analogous

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



8B9515



49A040



00A675

Triad

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



49A040



009AF7



EF5B70

Complementary

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



49A040



9740A0

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.



E45CA6



49A040



6189F5

Square

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



49A040



00A4DD



B871D7



DF6D3F

Rectangle

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



49A040



00A79A



B871D7



EE5882

Sweetspot

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



49A040



AFD1AB



A09640



546952



E8E8E8



696969

Same Dimension

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



49A040



49D13B



40A066



484F47



0D8F00



010F00

Inverse Universe

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



9740A0



C33BD1



A0407A



4E474F



81008F



0E000F

Previews

White Background



This preview shows how the Hex color 49A040 looks on a white background.

Color Contrast Check

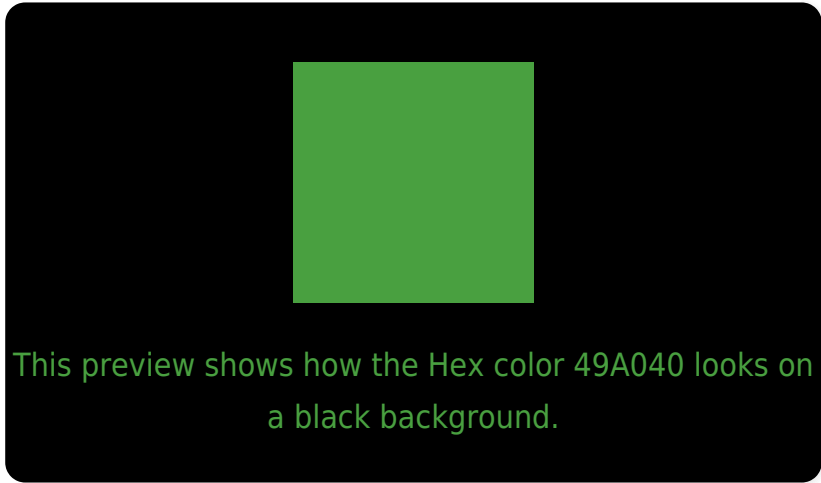
Large Text (above 18pt) WCAG AA ✓ Pass

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

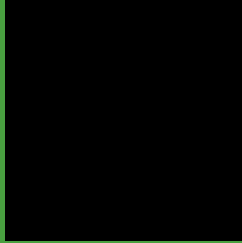
Any Text WCAG AA ✓ Pass

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 49A040 Background



This preview shows how black text looks on a background with the Hex color 49A040.

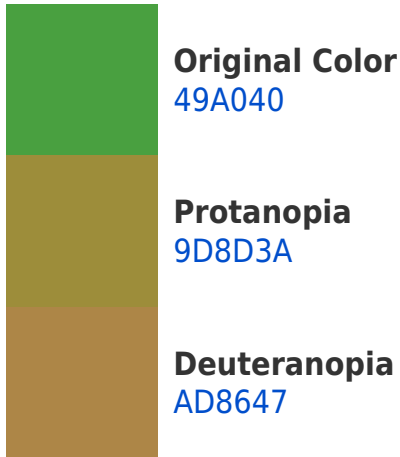


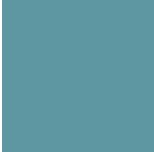
This preview shows how white text looks on a background with the Hex color 49A040.

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
5E96A2

Trichromacy



Original Color
49A040



Protanomaly
7E943C



Deuteranomaly
898F44



Tritanomaly
569A7E

Monochromacy



Original Color
49A040



Achromatopsia
7B7B7B



Achromatomaly
698866

CSS Examples

Text

The CSS property to change the color of the text to Hex 49A040 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 #49A040 looks like.

```
.text, #text, p{  
    color:#49A040  
}
```

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 #49A040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49A040
}
```

Border

The CSS property to change the border of an element to Hex 49A040 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
#49A040 }
```

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

```
.border{ border-color:#49A040 }
```

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

Here you see how a box with a 4 pixel #49A040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49A040; -webkit-box-shadow:4px 4px  
4px 4px #49A040; box-shadow:4px 4px 4px  
4px #49A040 }
```

Background

The CSS property to change the background color of an element to Hex 49A040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49A040 }
```

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

```
.background{ background-color:#49A040 }
```

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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