

Converting Colors

Hex(40AD4A)

Have a look what the booklet for
Hex(40AD4A) contains.

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Color

Hex(40AD4A)

Conversions

Conversions Part 1

Format	Color
Hex	40AD4A
RGB	64, 173, 74
RGB Percent	25%, 68%, 29%
CMY	0.7490, 0.3216, 0.7098
CMYK	0.63, 0.00, 0.57, 0.32
HSL	126°, 46%, 46%
HSV	126°, 63%, 68%
XYZ	18.2940, 31.4715, 11.5890
YIQ	129.1230, -33.1850, -53.8970

Conversions

Conversions Part 2

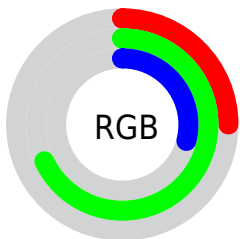
Format	Color
RYB	64, 164, 173
Decimal	4238666
CIELab	62.90, -51.42, 41.26
CIELCh	63, 65.923, 141.254
Yxy	31.4715, 0.2982, 0.5129
Android (android.graphics.Color)	4282428746 (0xFF40AD4A)
YUV	129.1230, -27.1756, -57.1129
Hunter-Lab	56.0995, -39.9656, 27.0216

Details

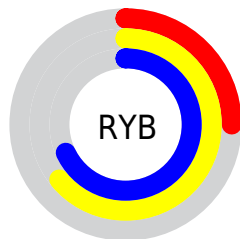
The Hex color **40AD4A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AD40A3**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **7BE57D**, and **007717** is the 20% darker color. If you saturate the color by 10%, you get **2FAD3A**, and if you desaturate by 10%, it is **51AD5A**.

Distribution



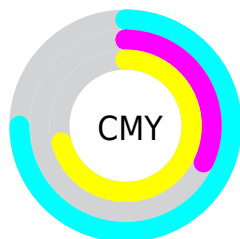
- Red (25%)
- Green (68%)
- Blue (29%)



- Red (25%)
- Yellow (64%)
- Blue (68%)



- Cyan (63%)
- Magenta (0%)
- Yellow (57%)
- Black (32%)



- Cyan (75%)
- Magenta (32%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40AD4A 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 40AD4A by changing the saturation by 10% instead.

 40AD4A

 40AD4A

FFFFFF

 1B9231

 7BE57D

 007717

 98FF98

 005E00

 B5FFB3

 004500

 D2FFCF

 002F00

 F0FFEC

 001200

 000000

 40AD4A

 40AD4A

 2FAD3A

 51AD5A

■ 1DAD2B

■ 63AD69

■ 0CAD1B

■ 74AD79

■ 00AD10

■ 85AD89

■ 97AD99

■ A8ADA8

■ B9ADB8

■ CAADC8

■ DCADD7

Harmonies

Analogous

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



8DA218



40AD4A



00B384

Triad

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



40AD4A



00A4FF



FF6271

Complementary

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



40AD4A



AD40A3

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.



F960AC



40AD4A



7690FF

Square

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



40AD4A



00AFF3



CE76E2



EC773D

Rectangle

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



40AD4A



00B4AD



CE76E2



FF5E85

Sweetspot

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



40AD4A



B6E0BA



A4AD40



567059



F0F0F0



707070

Same Dimension

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



40AD4A



36E046



40AD80



4E574F



00960E



001702

Inverse Universe

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



AD40A3



E036D1



AD406D



574E56



960089



170015

Previews

White Background



This preview shows how the Hex color 40AD4A looks on a white background.

Color Contrast Check

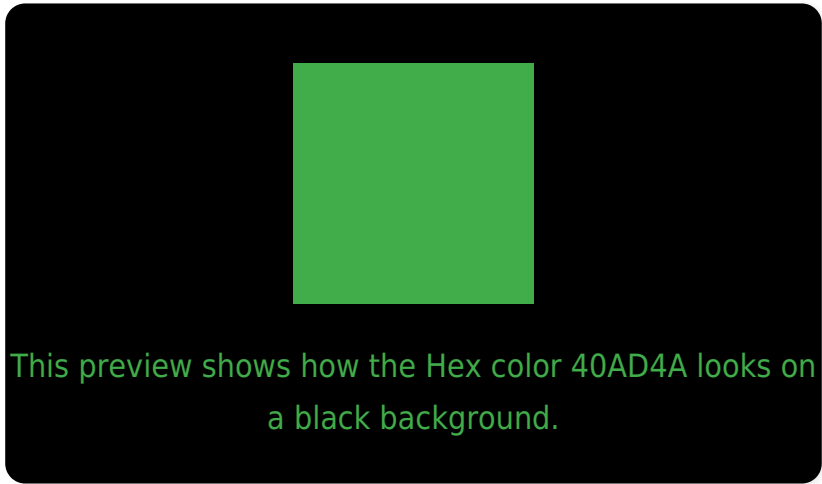
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 40AD4A Background



This preview shows how black text looks on a background with the Hex color 40AD4A.

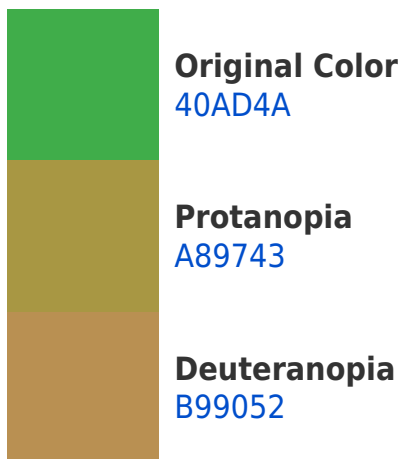


This preview shows how white text looks on a background with the Hex color 40AD4A.

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
5BA2B0

Trichromacy



Original Color
40AD4A



Protanomaly
829F46



Deuteranomaly
8D9B4F



Tritanomaly
51A68B

Monochromacy



Original Color
40AD4A



Achromatopsia
818181



Achromatomaly
69916D

CSS Examples

Text

The CSS property to change the color of the text to Hex 40AD4A 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 #40AD4A looks like.

```
.text, #text, p{  
    color:#40AD4A  
}
```

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 #40AD4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40AD4A
}
```

Border

The CSS property to change the border of an element to Hex 40AD4A 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
#40AD4A }
```

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

```
.border{ border-color:#40AD4A }
```

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

Here you see how a box with a 4 pixel #40AD4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40AD4A; -webkit-box-shadow:4px 4px  
4px 4px #40AD4A; box-shadow:4px 4px 4px  
4px #40AD4A }
```

Background

The CSS property to change the background color of an element to Hex 40AD4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40AD4A }
```

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

```
.background{ background-color:#40AD4A }
```

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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