

# Converting Colors

Hex(00A54C)

Have a look what the booklet for  
Hex(00A54C) contains.

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**Color**

**Hex(00A54C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A54C
RGB	0, 165, 76
RGB Percent	0%, 65%, 30%
CMY	1.0000, 0.3529, 0.7020
CMYK	1.00, 0.00, 0.54, 0.35
HSL	148°, 100%, 32%
HSV	148°, 100%, 65%
XYZ	14.7596, 27.4321, 11.3545
YIQ	105.5190, -69.7710, -62.6590

# Conversions

## Conversions Part 2

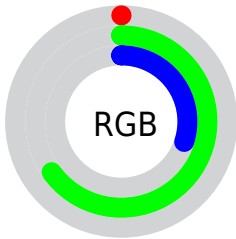
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 113, 165
Decimal	42316
CIELab	59.37, -56.13, 35.81
CIELCh	59, 66.582, 147.460
Yxy	27.4321, 0.2756, 0.5123
Android (android.graphics.Color)	4278232396 (0xFF00A54C)
YUV	105.5190, -14.5529, -92.5402
Hunter-Lab	52.3756, -41.3554, 23.8095

# Details

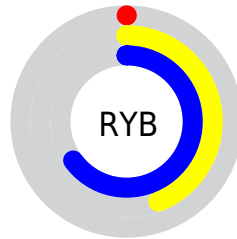
The Hex color **00A54C** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A50059**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **5ADD7F**, and **006F1B** is the 20% darker color. If you saturate the color by 10%, you get **00A54C**, and if you desaturate by 10%, it is **10A555**.

# Distribution



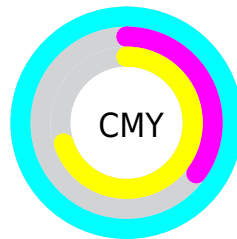
- Red (0%)
- Green (65%)
- Blue (30%)



- Red (0%)
- Yellow (44%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A54C 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 00A54C by changing the saturation by 10% instead.



 00A54C

 00A54C

FFFFFF

 008A34

 5ADD7F

 006F1B

 79FA99

 005600

 97FFB5

 003D00

 B5FFD1

 002600

 D2FFED

 000000

 F1FFFF

 00A54C

 10A555

 21A55E

 32A567

 42A570

 52A578

 63A581

 73A58A

 84A593

 94A59C

# Harmonies

## Analogous

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



769B12



00A54C



00A988

# Triad

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



00A54C



0097FF



F45A5D

# Complementary

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



00A54C



A50059

# 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.



F35396



00A54C



8382F8

# Square

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



00A54C



00A4F1



D066CF



DB7329

# Rectangle

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



00A54C



00AAB0



D066CF



F7556F



# Sweetspot

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



00A54C



96D6B4



5BA500



456B56



EBEBEB



6B6B6B



# Same Dimension

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



00A54C



00D663



00A59D



49524D



009143



001208



# Inverse Universe

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



A50059



D60074



A50008



52494E



91004E



12000A



# Previews

## White Background



This preview shows how the Hex color 00A54C looks on a white background.

## Color Contrast Check

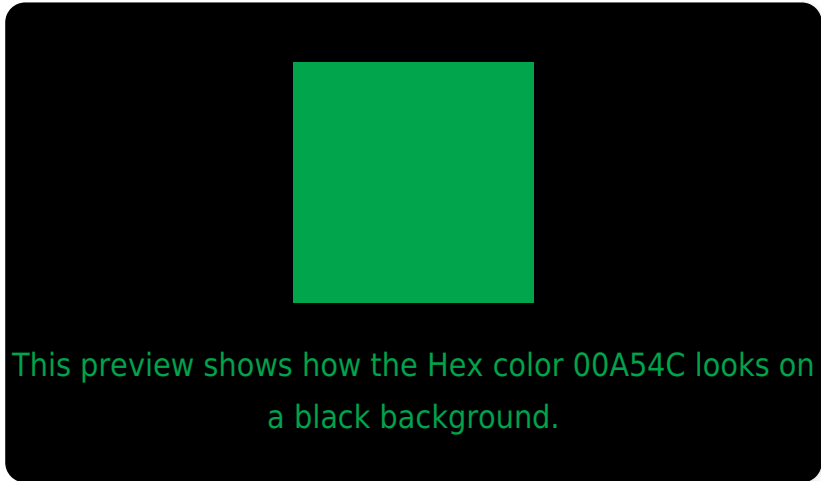
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A54C Background



This preview shows how black text looks on a background with the Hex color 00A54C.

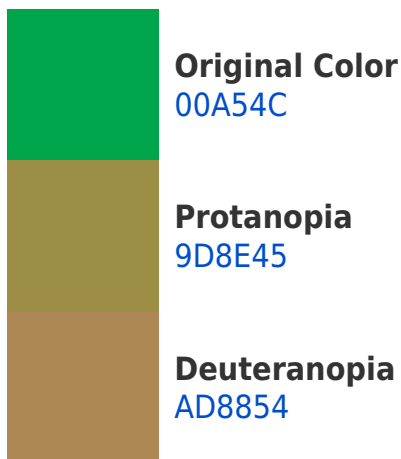


This preview shows how white text looks on a background with the Hex color 00A54C.

# 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**  
409BA8

# Trichromacy



**Original Color**  
00A54C



**Protanomaly**  
649648



**Deuteranomaly**  
6E9351



**Tritanomaly**  
299F87

# Monochromacy



**Original Color**  
00A54C



**Achromatopsia**  
6A6A6A



**Achromatomaly**  
437F5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A54C 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 #00A54C looks like.

```
.text, #text, p{  
    color:#00A54C  
}
```

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 #00A54C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A54C
}
```

## Border

The CSS property to change the border of an element to Hex 00A54C 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
#00A54C }
```

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

```
.border{ border-color:#00A54C }
```

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

Here you see how a box with a 4 pixel #00A54C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A54C; -webkit-box-shadow:4px 4px  
4px 4px #00A54C; box-shadow:4px 4px 4px  
4px #00A54C }
```

# Background

The CSS property to change the background color of an element to Hex 00A54C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A54C }
```

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

```
.background{ background-color:#00A54C }
```

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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