

# Converting Colors

Hex(00A35C)

Have a look what the booklet for  
Hex(00A35C) contains.

<b>Hex(00A35C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(00A35C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A35C
RGB	0, 163, 92
RGB Percent	0%, 64%, 36%
CMY	1.0000, 0.3608, 0.6392
CMYK	1.00, 0.00, 0.44, 0.36
HSL	154°, 100%, 32%
HSV	154°, 100%, 64%
XYZ	15.0290, 26.9671, 14.5383
YIQ	106.1690, -74.3570, -56.6370

# Conversions

## Conversions Part 2

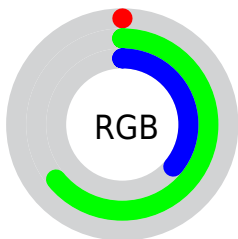
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 104, 163
Decimal	41820
CIELab	58.94, -52.66, 26.99
CIELCh	59, 59.173, 152.862
Yxy	26.9671, 0.2658, 0.4770
Android (android.graphics.Color)	4278231900 (0xFF00A35C)
YUV	106.1690, -6.9853, -93.1102
Hunter-Lab	51.9298, -39.2178, 19.7521

# Details

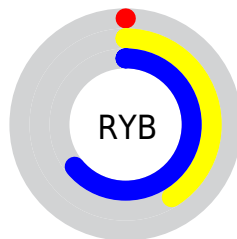
The Hex color **00A35C** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A30047**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **59DB8F**, and **006E2C** is the 20% darker color. If you saturate the color by 10%, you get **00A35C**, and if you desaturate by 10%, it is **10A363**.

# Distribution



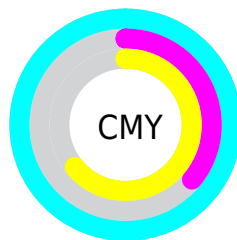
- Red (0%)
- Green (64%)
- Blue (36%)



- Red (0%)
- Yellow (41%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A35C 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 00A35C by changing the saturation by 10% instead.



 00A35C

 00A35C

FFFFFF

 008844

 59DB8F

 006E2C

 78F8AA

 005416

 96FFC5

 003C00

 B3FFE1

 002500

 D1FFFE

 000000

 EFFFFFF

 00A35C

 10A363

 21A36A

 31A371

 41A378

 52A380

 62A387

 72A38E

 82A395

 93A39C

# Harmonies

## Analogous

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



6F9B2E



00A35C



00A691

# Triad

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



00A35C



0092F6



E76558

# Complementary

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



00A35C



A30047

# 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.



EA5C8B



00A35C



957EE6

# Square

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



00A35C



009FEA



D067BE



CD792E

# Rectangle

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



00A35C



00A6B5



D067BE



EB6069



# Sweetspot

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



00A35C



94D4B8



49A300



456B5A



EBEBEB



6B6B6B



# Same Dimension

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



00A35C



00D477



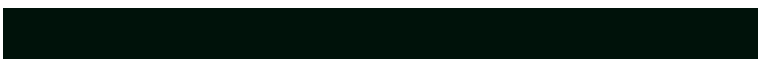
009BA3



49524E



009152



00120A



# Inverse Universe

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



A30047



D4005C



A30800



52494D



91003F



120008



# Previews

## White Background



This preview shows how the Hex color 00A35C looks on a white background.

## Color Contrast Check

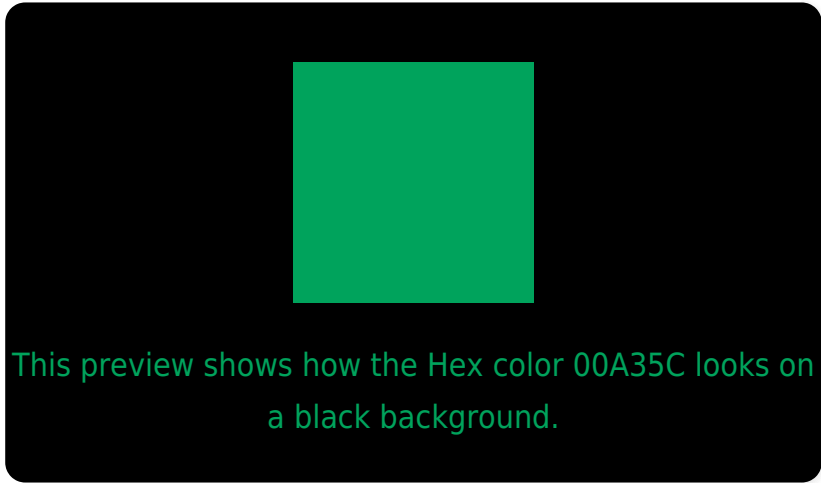
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A35C Background



This preview shows how black text looks on a background with the Hex color 00A35C.



This preview shows how white text looks on a background with the Hex color 00A35C.

# 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**  
00A35C

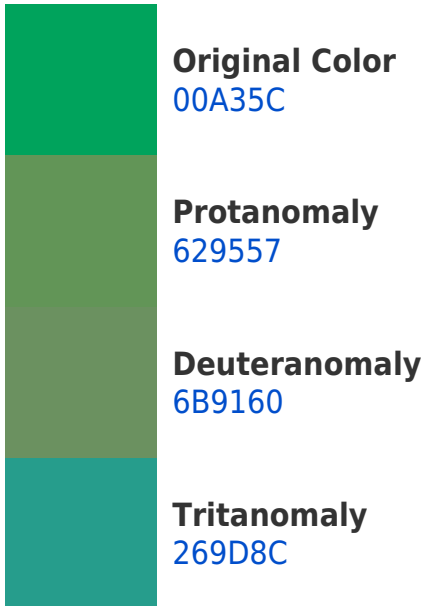
**Protanopia**  
9A8D54

**Deuteranopia**  
A88763



**Tritanopia**  
3C9AA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A35C 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 #00A35C looks like.

```
.text, #text, p{  
    color:#00A35C  
}
```

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 #00A35C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A35C
}
```

## Border

The CSS property to change the border of an element to Hex 00A35C 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
#00A35C }
```

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

```
.border{ border-color:#00A35C }
```

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

Here you see how a box with a 4 pixel #00A35C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A35C; -webkit-box-shadow:4px 4px  
4px 4px #00A35C; box-shadow:4px 4px 4px  
4px #00A35C }
```

# Background

The CSS property to change the background color of an element to Hex 00A35C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A35C }
```

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

```
.background{ background-color:#00A35C }
```

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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