

Converting Colors

Hex(00AA3E)

Have a look what the booklet for
Hex(00AA3E) contains.

Hex(00AA3E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00AA3E)

Conversions

Conversions Part 1

Format	Color
Hex	00AA3E
RGB	0, 170, 62
RGB Percent	0%, 67%, 24%
CMY	1.0000, 0.3333, 0.7569
CMYK	1.00, 0.00, 0.64, 0.33
HSL	142°, 100%, 33%
HSV	142°, 100%, 67%
XYZ	15.2442, 29.0973, 9.3703
YIQ	106.8580, -66.6520, -69.6280

Conversions

Conversions Part 2

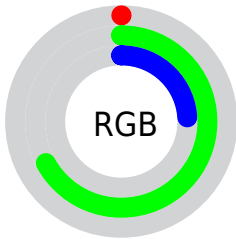
Format	Color
RYB	0, 125, 170
Decimal	43582
CIELab	60.87, -59.66, 44.23
CIELCh	61, 74.271, 143.450
Yxy	29.0973, 0.2838, 0.5417
Android (android.graphics.Color)	4278233662 (0xFF00AA3E)
YUV	106.8580, -22.1150, -93.7145
Hunter-Lab	53.9419, -43.9533, 27.4600

Details

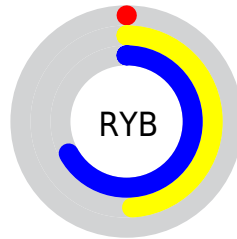
The Hex color **00AA3E** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AA006C**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5DE372**, and **007404** is the 20% darker color. If you saturate the color by 10%, you get **00AA3E**, and if you desaturate by 10%, it is **11AA49**.

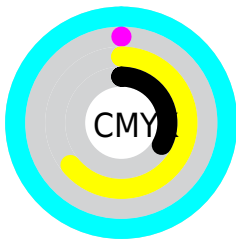
Distribution



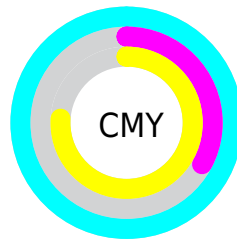
- Red (0%)
- Green (67%)
- Blue (24%)



- Red (0%)
- Yellow (49%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AA3E 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 00AA3E by changing the saturation by 10% instead.

 00AA3E

 00AA3E

FFFFFF

 008F24

 5DE372

 007404

 7CFF8C

 005A00

 9AFFA7

 004100

 B8FFC3

 002A00


 D6FFE0

 000600

 F4FFFD

 000000

 00AA3E

 11AA49

 22AA54

 33AA5E

 44AA69

 55AA74

 66AA7F

 77AA8A

 88AA94

 99AA9F

Harmonies

Analogous

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



7F9F00



00AA3E



00AF82

Triad

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



00AA3E



009FFF



FF5163

Complementary

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



00AA3E



AA006C

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.



FF4CA4



00AA3E



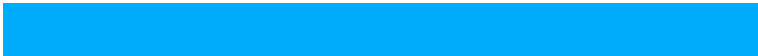
7088FF

Square

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



00AA3E



00ACFC



D367E2



EB6F25

Rectangle

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



00AA3E



00B0B0



D367E2



FF4B78

Sweetspot

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



00AA3E



9BDEB4



6EAA00



487057



F0F0F0



707070

Same Dimension

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



00AA3E



00DE51



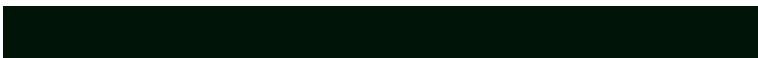
00AA90



4C544F



009436



001407

Inverse Universe

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



AA006C



DE008D



AA001A



544C51



94005E



14000D

Previews

White Background



This preview shows how the Hex color 00AA3E looks on a white background.

Color Contrast Check

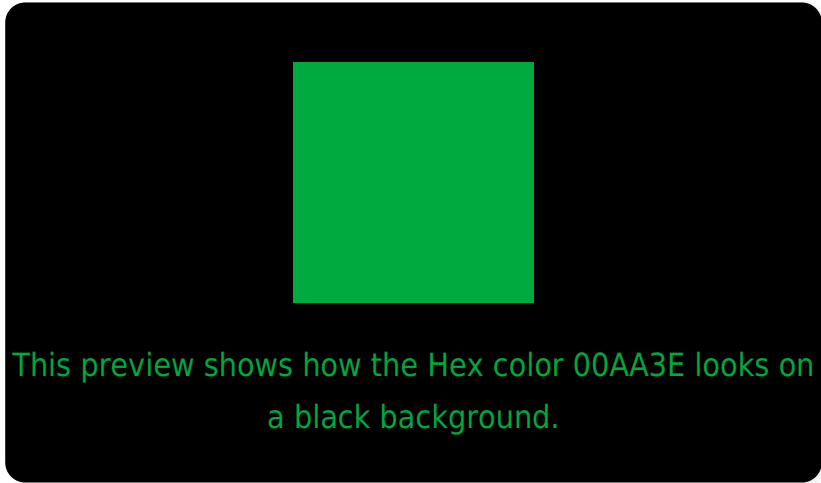
Large Text (above 18pt) WCAG AA ✓ Pass

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 00AA3E Background



This preview shows how black text looks on a background with the Hex color 00AA3E.

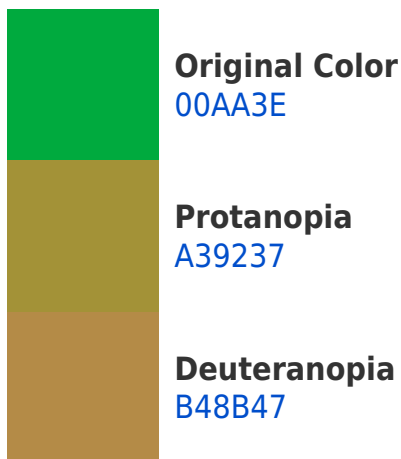


This preview shows how white text looks on a background with the Hex color 00AA3E.

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



Trichromacy



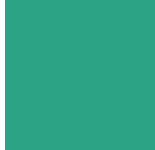
Original Color
00AA3E



Protanomaly
689B3A



Deuteranomaly
739644



Tritanomaly
2BA384

Monochromacy



Original Color
00AA3E



Achromatopsia
6B6B6B



Achromatomaly
44825B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AA3E 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 #00AA3E looks like.

```
.text, #text, p{  
    color:#00AA3E  
}
```

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 #00AA3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AA3E
}
```

Border

The CSS property to change the border of an element to Hex 00AA3E 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
#00AA3E }
```

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

```
.border{ border-color:#00AA3E }
```

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

Here you see how a box with a 4 pixel #00AA3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AA3E; -webkit-box-shadow:4px 4px  
4px 4px #00AA3E; box-shadow:4px 4px 4px  
4px #00AA3E }
```

Background

The CSS property to change the background color of an element to Hex 00AA3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AA3E }
```

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

```
.background{ background-color:#00AA3E }
```

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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