

Converting Colors

Hex(00AD3B)

Have a look what the booklet for
Hex(00AD3B) contains.

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Color

Hex(00AD3B)

Conversions

Conversions Part 1

Format	Color
Hex	00AD3B
RGB	0, 173, 59
RGB Percent	0%, 68%, 23%
CMY	1.0000, 0.3216, 0.7686
CMYK	1.00, 0.00, 0.66, 0.32
HSL	140°, 100%, 34%
HSV	140°, 100%, 68%
XYZ	15.7330, 30.2029, 9.1382
YIQ	108.2770, -66.5140, -72.1300

Conversions

Conversions Part 2

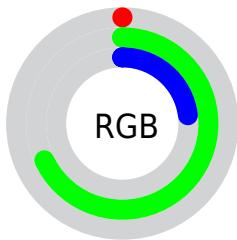
Format	Color
RYB	0, 129, 173
Decimal	44347
CIELab	61.83, -60.94, 46.62
CIELCh	62, 76.726, 142.580
Yxy	30.2029, 0.2857, 0.5484
Android (android.graphics.Color)	4278234427 (0xFF00AD3B)
YUV	108.2770, -24.2936, -94.9589
Hunter-Lab	54.9572, -45.0746, 28.6114

Details

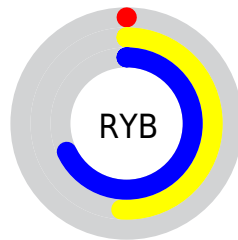
The Hex color **00AD3B** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AD0072**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5EE66F**, and **007700** is the 20% darker color. If you saturate the color by 10%, you get **00AD3B**, and if you desaturate by 10%, it is **11AD46**.

Distribution



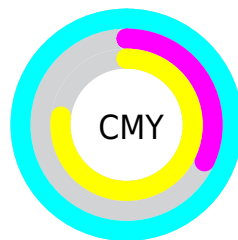
- Red (0%)
- Green (68%)
- Blue (23%)



- Red (0%)
- Yellow (51%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (66%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AD3B 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 00AD3B by changing the saturation by 10% instead.

 00AD3B

 00AD3B

FFFFFF

 009220

 5EE66F

 007700

 7DFF8A

 005D00

 9BFFA5

 004400

 B9FFC1

 002D00

 D7FFDD

 000C00

 F6FFFA

 000000

 00AD3B

 11AD46

 23AD52

 34AD5D

 45AD69

 57AD74

 68AD7F

 79AD8B

 8AAD96

 9CADA2

Harmonies

Analogous

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



82A100



00AD3B



00B382

Triad

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



00AD3B



00A3FF



FF4F66

Complementary

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



00AD3B



AD0072

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.



FF4BA9



00AD3B



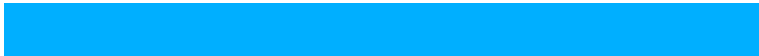
6B8BFF

Square

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



00AD3B



00AFFF



D669E9



F16F25

Rectangle

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



00AD3B



00B4B1



D669E9



FF497C

Sweetspot

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



00AD3B



9DE0B4



73AD00



487056



F0F0F0



707070

Same Dimension

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



00AD3B



00E04D



00AD90



4E5751



009633



001708

Inverse Universe

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



AD0072



E00094



AD001D



574E54



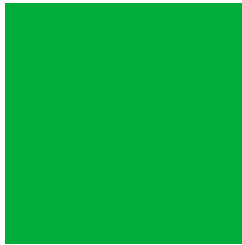
960063



17000F

Previews

White Background



This preview shows how the Hex color 00AD3B looks on a white background.

Color Contrast Check

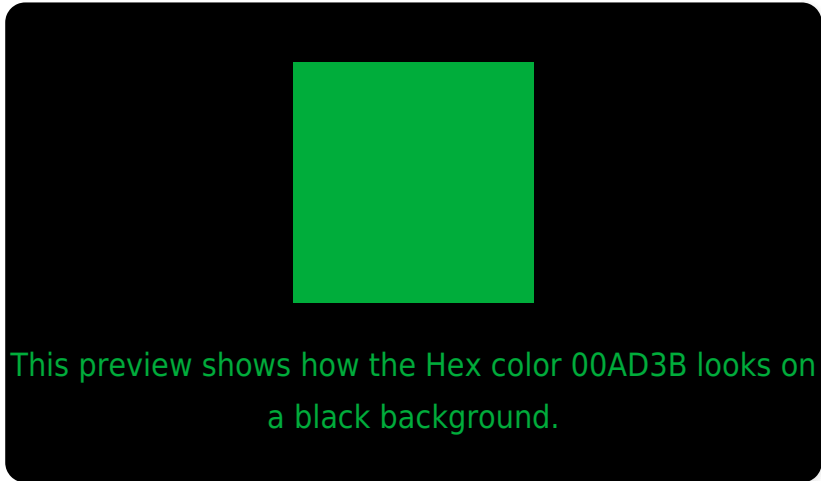
Large Text (above 18pt) WCAG AA × Fail

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 00AD3B Background



This preview shows how black text looks on a background with the Hex color 00AD3B.

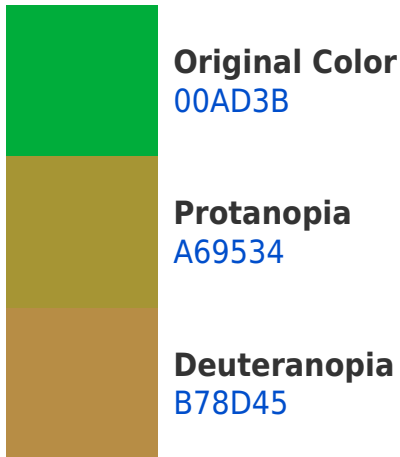


This preview shows how white text looks on a background with the Hex color 00AD3B.

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
46A2AF

Trichromacy



Original Color
00AD3B



Protanomaly
6A9E37



Deuteranomaly
749941



Tritanomaly
2DA685

Monochromacy



Original Color
00AD3B



Achromatopsia
6C6C6C



Achromatomaly
45845A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AD3B 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 #00AD3B looks like.

```
.text, #text, p{  
    color:#00AD3B  
}
```

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 #00AD3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AD3B
}
```

Border

The CSS property to change the border of an element to Hex 00AD3B 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
#00AD3B }
```

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

```
.border{ border-color:#00AD3B }
```

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

Here you see how a box with a 4 pixel #00AD3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AD3B; -webkit-box-shadow:4px 4px  
4px 4px #00AD3B; box-shadow:4px 4px 4px  
4px #00AD3B }
```

Background

The CSS property to change the background color of an element to Hex 00AD3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AD3B }
```

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

```
.background{ background-color:#00AD3B }
```

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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