

Converting Colors

Hex(00A333)

Have a look what the booklet for
Hex(00A333) contains.

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Color

Hex(00A333)

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 00A333 |
| RGB | 0, 163, 51 |
| RGB Percent | 0%, 64%, 20% |
| CMY | 1.0000, 0.3608, 0.8000 |
| CMYK | 1.00, 0.00, 0.69, 0.36 |
| HSL | 139°, 100%, 32% |
| HSV | 139°, 100%, 64% |
| XYZ | 13.6947, 26.4334, 7.5123 |
| YIQ | 101.4950, -61.1960, -69.3880 |

Conversions

Conversions Part 2

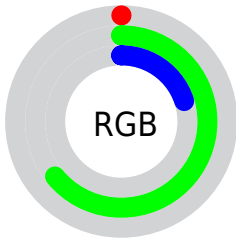
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 124, 163 |
| Decimal | 41779 |
| CIELab | 58.45, -58.76, 46.33 |
| CIELCh | 58, 74.828, 141.750 |
| Yxy | 26.4334, 0.2875, 0.5549 |
| Android (android.graphics.Color) | 4278231859 (0xFF00A333) |
| YUV | 101.4950, -24.8940, -89.0111 |
| Hunter-Lab | 51.4134, -42.4274, 27.3262 |

Details

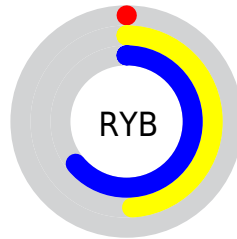
The Hex color **00A333** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A30070**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5BDB67**, and **006E00** is the 20% darker color. If you saturate the color by 10%, you get **00A333**, and if you desaturate by 10%, it is **10A33E**.

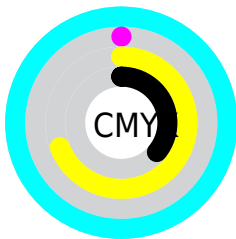
Distribution



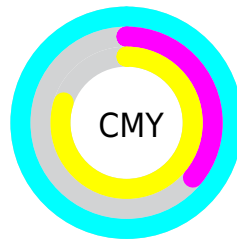
- Red (0%)
- Green (64%)
- Blue (20%)



- Red (0%)
- Yellow (49%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (69%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A333 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 00A333 by changing the saturation by 10% instead.

 00A333

 00A333

FFFFFF

 008817

 5BDB67

 006E00

 7AF881

 005400

 98FF9C

 003B00

 B5FFB8

 002400

 D3FFD4

 000000

 F1FFF1

 00A333

 10A33E

 21A349

 31A355

 41A360

 52A36B

 62A376

 72A381

 82A38D

 93A398

Harmonies

Analogous

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



7C9700



00A333



00A978

Triad

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



00A333



009AFF



FE4760

Complementary

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



00A333



A30070

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.



F744A2



00A333



5E83FF

Square

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



00A333



00A6F3



C862DF



E66621

Rectangle

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



00A333



00AAA5



C862DF



FF4176

Sweetspot

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



00A333



94D4A8



72A300



456B51



EBEBEB



6B6B6B

Same Dimension

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



00A333



00D442



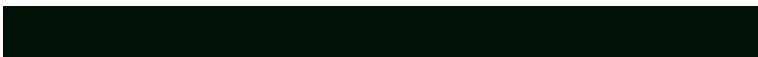
00A382



49524C



00912D



001206

Inverse Universe

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



A30070



D40091



A30021



52494F



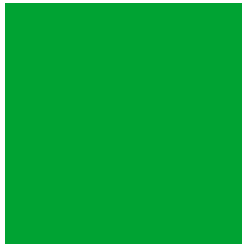
910064



12000C

Previews

White Background



This preview shows how the Hex color 00A333 looks on a white background.

Color Contrast Check

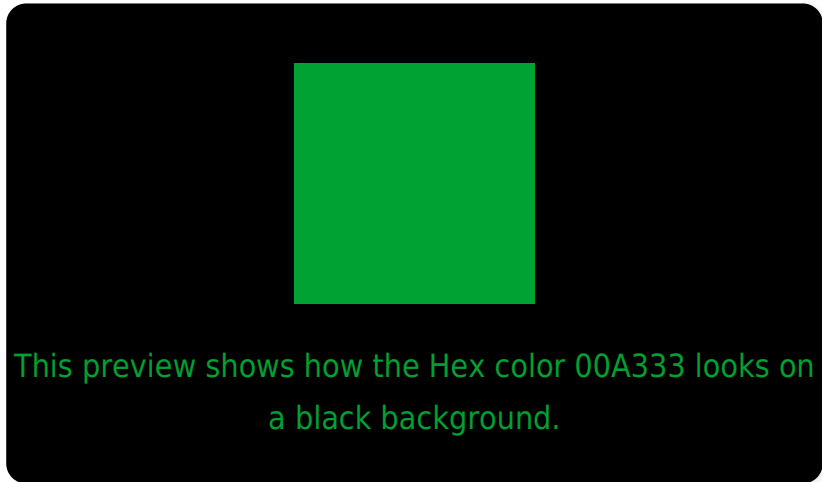
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A333 Background



This preview shows how black text looks on a background with the Hex color 00A333.

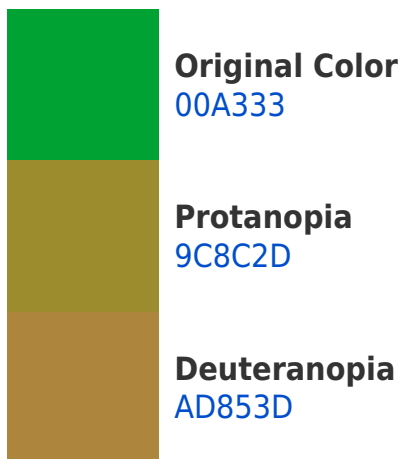


This preview shows how white text looks on a background with the Hex color 00A333.

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
4298A5

Trichromacy



Original Color
00A333



Protanomaly
63942F



Deuteranomaly
6E9039



Tritanomaly
2A9C7C

Monochromacy



Original Color
00A333



Achromatopsia
656565



Achromatomaly
407C53

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A333 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 #00A333 looks like.

```
.text, #text, p{  
    color:#00A333  
}
```

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 #00A333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A333
}
```

Border

The CSS property to change the border of an element to Hex 00A333 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".

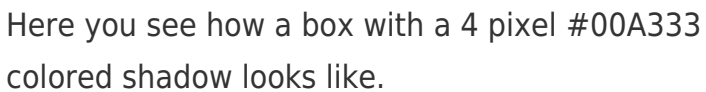
```
.border, #border, table{ border:4px solid
#00A333 }
```

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

```
.border{ border-color:#00A333 }
```

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

Here you see how a box with a 4 pixel #00A333 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A333; -webkit-box-shadow:4px 4px  
4px 4px #00A333; box-shadow:4px 4px 4px  
4px #00A333 }
```

Background

The CSS property to change the background color of an element to Hex 00A333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A333 }
```

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

```
.background{ background-color:#00A333 }
```

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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