

Converting Colors

Hex(00A544)

Have a look what the booklet for
Hex(00A544) contains.

Hex(00A544)	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(00A544)

Conversions

Conversions Part 1

Format	Color
Hex	00A544
RGB	0, 165, 68
RGB Percent	0%, 65%, 27%
CMY	1.0000, 0.3529, 0.7333
CMYK	1.00, 0.00, 0.59, 0.35
HSL	145°, 100%, 32%
HSV	145°, 100%, 65%
XYZ	14.4985, 27.3276, 9.9795
YIQ	104.6070, -67.2030, -65.1470

Conversions

Conversions Part 2

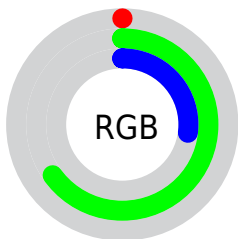
Format	Color
RYB	0, 117, 165
Decimal	42308
CIELab	59.28, -57.31, 39.61
CIELCh	59, 69.669, 145.348
Yxy	27.3276, 0.2799, 0.5275
Android (android.graphics.Color)	4278232388 (0xFF00A544)
YUV	104.6070, -18.0473, -91.7403
Hunter-Lab	52.2758, -41.9763, 25.2746

Details

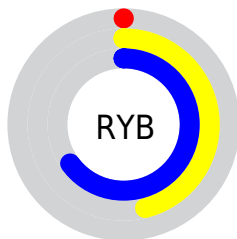
The Hex color **00A544** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A50061**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5BDD77**, and **006F10** is the 20% darker color. If you saturate the color by 10%, you get **00A544**, and if you desaturate by 10%, it is **10A54E**.

Distribution



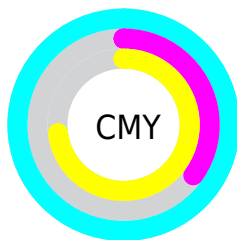
- Red (0%)
- Green (65%)
- Blue (27%)



- Red (0%)
- Yellow (46%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A544 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 00A544 by changing the saturation by 10% instead.


 00A544

 00A544

FFFFFF

 008A2B

 5BDD77

 006F10

 79FA91

 005600

 97FFAD

 003D00

 B5FFC8

 002600

 D3FFE5

 000000

 F1FFFF

 00A544

 10A54E

 21A557

 32A561

 42A56B

 52A574

 63A57E

 73A588

 84A592

 94A59B

Harmonies

Analogous

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



799B00



00A544



00AA83

Triad

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



00A544



0099FF



F9555E

Complementary

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



00A544



A50061

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.



F64E9B



00A544



7983FE

Square

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



00A544



00A6F3



CF65D5



E06F26

Rectangle

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



00A544



00ABAD



CF65D5



FB4F72

Sweetspot

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



00A544



96D6B0



63A500



456B54



EBEBEB



6B6B6B

Same Dimension

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



00A544



00D658



00A594



49524D



00913C



001207

Inverse Universe

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



A50061



D6007E



A50011



52494E



910055



12000A

Previews

White Background



This preview shows how the Hex color 00A544 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



This preview shows how the Hex color 00A544 looks on a 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 00A544 Background



This preview shows how black text looks on a background with the Hex color 00A544.

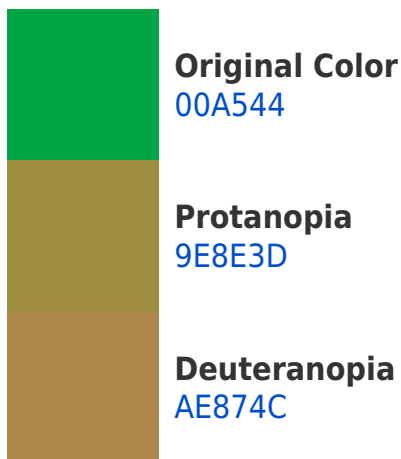


This preview shows how white text looks on a background with the Hex color 00A544.

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
419BA7

Trichromacy



Original Color

00A544



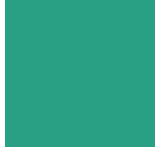
Protanomaly

659640



Deuteranomaly

6F9249



Tritanomaly

299F83

Monochromacy



Original Color

00A544



Achromatopsia

696969



Achromatomaly

437F5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A544 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 #00A544 looks like.

```
.text, #text, p{  
    color:#00A544  
}
```

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 #00A544 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A544
}
```

Border

The CSS property to change the border of an element to Hex 00A544 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
#00A544 }
```

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

```
.border{ border-color:#00A544 }
```

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

Here you see how a box with a 4 pixel #00A544 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A544; -webkit-box-shadow:4px 4px  
4px 4px #00A544; box-shadow:4px 4px 4px  
4px #00A544 }
```

Background

The CSS property to change the background color of an element to Hex 00A544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A544 }
```

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

```
.background{ background-color:#00A544 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor