

Converting Colors

Hex(00A951)

Have a look what the booklet for
Hex(00A951) contains.

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Color

Hex(00A951)

Conversions

Conversions Part 1

Format	Color
Hex	00A951
RGB	0, 169, 81
RGB Percent	0%, 66%, 32%
CMY	1.0000, 0.3373, 0.6824
CMYK	1.00, 0.00, 0.52, 0.34
HSL	149°, 100%, 33%
HSV	149°, 100%, 66%
XYZ	15.6732, 28.9700, 12.5503
YIQ	108.4370, -72.4760, -63.1960

Conversions

Conversions Part 2

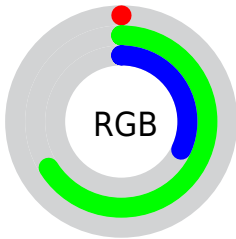
Format	Color
RYB	0, 114, 169
Decimal	43345
CIELab	60.76, -56.66, 35.00
CIELCh	61, 66.597, 148.292
Yxy	28.9700, 0.2740, 0.5065
Android (android.graphics.Color)	4278233425 (0xFF00A951)
YUV	108.4370, -13.5264, -95.0992
Hunter-Lab	53.8238, -42.2135, 23.8518

Details

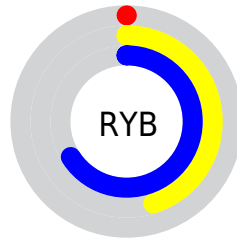
The Hex color **00A951** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A90058**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5CE184**, and **007320** is the 20% darker color. If you saturate the color by 10%, you get **00A951**, and if you desaturate by 10%, it is **11A95A**.

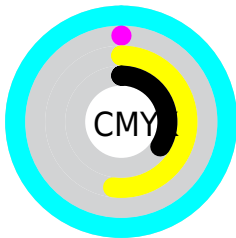
Distribution



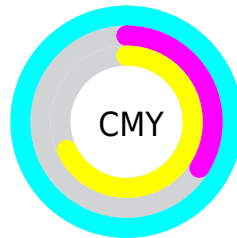
- Red (0%)
- Green (66%)
- Blue (32%)



- Red (0%)
- Yellow (45%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A951 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 00A951 by changing the saturation by 10% instead.

 00A951

 00A951

FFFFFF

 008E39

 5CE184

 007320

 7AFF9F

 005905

 98FFBA

 004000

 B6FFD6

 002A00


 D4FFF3

 000500

 F2FFFF

 000000

 00A951

 11A95A

 22A963

 33A96B

 44A974

 54A97D

 65A986

 76A98F

 87A997

 98A9A0

Harmonies

Analogous

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



789F19



00A951



00AD8D

Triad

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



00A951



009BFF



F85F5E

Complementary

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



00A951



A90058

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.



F85798



00A951



8A84FB

Square

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



00A951



00A8F6



D669D1



DE772B

Rectangle

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



00A951



00AEB6



D669D1



FB5971

Sweetspot

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



00A951



9ADBB9



5AA900



466E59



EDEDED



6E6E6E

Same Dimension

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



00A951



00DB69



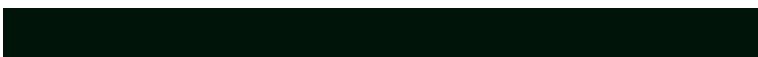
00A9A3



4C5450



009447



00140A

Inverse Universe

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



A90058



DB0072



A90006



544C50



94004D



14000B

Previews

White Background



This preview shows how the Hex color 00A951 looks on a white background.

Color Contrast Check

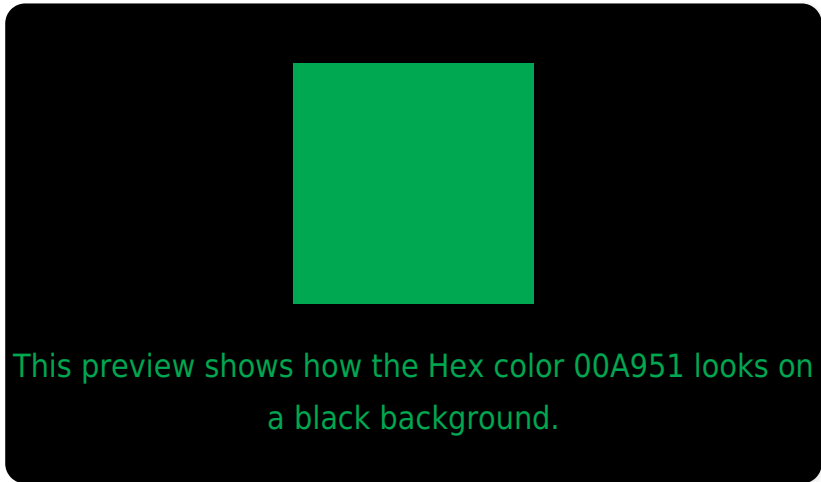
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A951 Background



This preview shows how black text looks on a background with the Hex color 00A951.



This preview shows how white text looks on a background with the Hex color 00A951.

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
00A951

Protanopia
A19249

Deuteranopia
B08B59

Trichromacy



Original Color
00A951



Protanomaly
669A4C



Deuteranomaly
709656



Tritanomaly
29A38B

Monochromacy



Original Color
00A951



Achromatopsia
6C6C6C



Achromatomaly
458262

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A951 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 #00A951 looks like.

```
.text, #text, p{  
    color:#00A951  
}
```

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 #00A951 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A951
}
```

Border

The CSS property to change the border of an element to Hex 00A951 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
#00A951 }
```

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

```
.border{ border-color:#00A951 }
```

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

Here you see how a box with a 4 pixel #00A951 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A951; -webkit-box-shadow:4px 4px  
4px 4px #00A951; box-shadow:4px 4px 4px  
4px #00A951 }
```

Background

The CSS property to change the background color of an element to Hex 00A951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A951 }
```

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

```
.background{ background-color:#00A951 }
```

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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