

Converting Colors

Hex(00AE54)

Have a look what the booklet for
Hex(00AE54) contains.

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Color

Hex(00AE54)

Conversions

Conversions Part 1

Format	Color
Hex	00AE54
RGB	0, 174, 84
RGB Percent	0%, 68%, 33%
CMY	1.0000, 0.3176, 0.6706
CMYK	1.00, 0.00, 0.52, 0.32
HSL	149°, 100%, 34%
HSV	149°, 100%, 68%
XYZ	16.7363, 30.9122, 13.4721
YIQ	111.7140, -74.8140, -64.8780

Conversions

Conversions Part 2

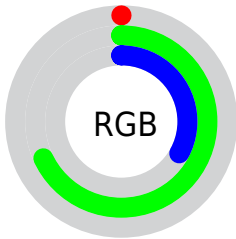
Format	Color
RYB	0, 117, 174
Decimal	44628
CIELab	62.43, -57.83, 35.57
CIELCh	62, 67.891, 148.404
Yxy	30.9122, 0.2738, 0.5058
Android (android.graphics.Color)	4278234708 (0xFF00AE54)
YUV	111.7140, -13.6630, -97.9732
Hunter-Lab	55.5987, -43.5659, 24.5526

Details

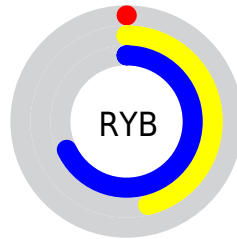
The Hex color **00AE54** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AE005A**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **5DE787**, and **007823** is the 20% darker color. If you saturate the color by 10%, you get **00AE54**, and if you desaturate by 10%, it is **11AE5D**.

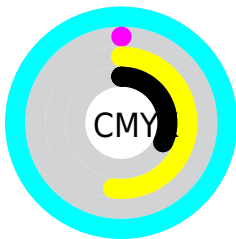
Distribution



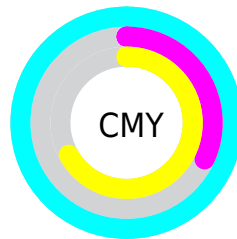
- Red (0%)
- Green (68%)
- Blue (33%)



- Red (0%)
- Yellow (46%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AE54 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 00AE54 by changing the saturation by 10% instead.

 00AE54

 00AE54

FFFFFF

 00933B

 5DE787

 007823

 7CFFA2

 005E08

 9AFFBE

 004500

 B8FFDA

 002E00

 D6FFF6

 001000

 F5FFFF

 000000

 00AE54

 11AE5D

 23AE66

 34AE6F

 46AE78

 57AE81

 68AE8A

 7AAE93

 8BAE9C

 9DAEA5

Harmonies

Analogous

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



7CA41B



00AE54



00B292

Triad

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



00AE54



009FFF



FF6261

Complementary

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



00AE54



AE005A

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.



FF5A9D



00AE54



8F88FF

Square

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



00AE54



00ADFD



DC6CD7



E47B2D

Rectangle

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



00AE54



00B3BB



DC6CD7



FF5C75

Sweetspot

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



00AE54



9FE3C0



5DAE00



49735D



F2F2F2



737373

Same Dimension

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



00AE54



00E36E



00AEA8



4E5752



009649



00170B

Inverse Universe

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



AE005A



E30075



AE0006



574E53



96004E



17000C

Previews

White Background



This preview shows how the Hex color 00AE54 looks on a white background.

Color Contrast Check

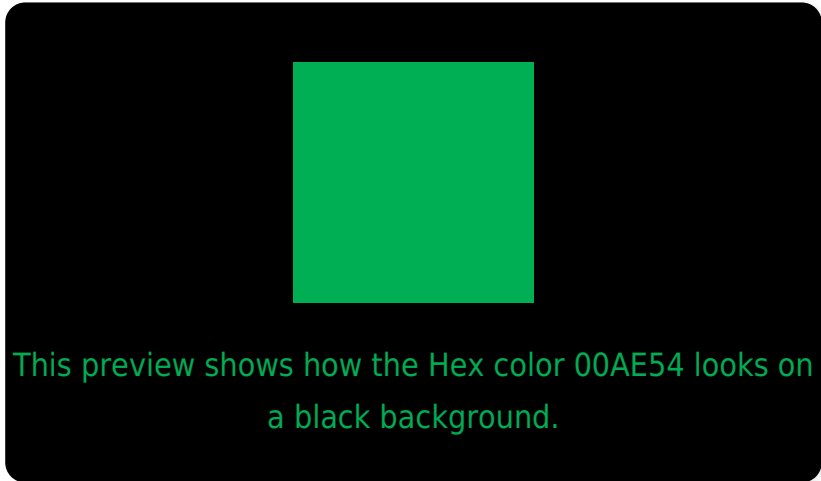
Large Text (above 18pt) WCAG AA × Fail

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 00AE54 Background



This preview shows how black text looks on a background with the Hex color 00AE54.



This preview shows how white text looks on a background with the Hex color 00AE54.

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](#).

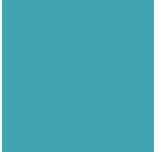
Dichromacy



Original Color
00AE54

Protanopia
A6964C

Deuteranopia
B58F5C



Tritanopia
43A4B1

Trichromacy



Original Color
00AE54



Protanomaly
6A9F4F



Deuteranomaly
739A59



Tritanomaly
2BA88F

Monochromacy



Original Color
00AE54



Achromatopsia
707070



Achromatomaly
478766

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AE54 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 #00AE54 looks like.

```
.text, #text, p{  
    color:#00AE54  
}
```

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 #00AE54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AE54
}
```

Border

The CSS property to change the border of an element to Hex 00AE54 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
#00AE54 }
```

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

```
.border{ border-color:#00AE54 }
```

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

Here you see how a box with a 4 pixel #00AE54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AE54; -webkit-box-shadow:4px 4px  
4px 4px #00AE54; box-shadow:4px 4px 4px  
4px #00AE54 }
```

Background

The CSS property to change the background color of an element to Hex 00AE54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AE54 }
```

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

```
.background{ background-color:#00AE54 }
```

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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