

Converting Colors

Hex(00AB54)

Have a look what the booklet for
Hex(00AB54) contains.

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Color

Hex(00AB54)

Conversions

Conversions Part 1

Format	Color
Hex	00AB54
RGB	0, 171, 84
RGB Percent	0%, 67%, 33%
CMY	1.0000, 0.3294, 0.6706
CMYK	1.00, 0.00, 0.51, 0.33
HSL	149°, 100%, 34%
HSV	149°, 100%, 67%
XYZ	16.1631, 29.7659, 13.2810
YIQ	109.9530, -73.9890, -63.3090

Conversions

Conversions Part 2

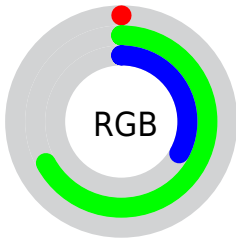
Format	Color
RYB	0, 115, 171
Decimal	43860
CIELab	61.45, -56.83, 34.35
CIELCh	61, 66.406, 148.850
Yxy	29.7659, 0.2730, 0.5027
Android (android.graphics.Color)	4278233940 (0xFF00AB54)
YUV	109.9530, -12.7948, -96.4288
Hunter-Lab	54.5581, -42.5952, 23.7578

Details

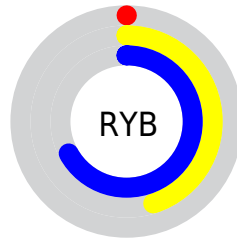
The Hex color **00AB54** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AB0057**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5CE487**, and **007523** is the 20% darker color. If you saturate the color by 10%, you get **00AB54**, and if you desaturate by 10%, it is **11AB5D**.

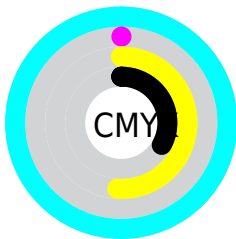
Distribution



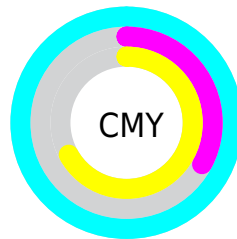
- Red (0%)
- Green (67%)
- Blue (33%)



- Red (0%)
- Yellow (45%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AB54 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 00AB54 by changing the saturation by 10% instead.

 00AB54

 00AB54


FFFFFF

 00903C

 5CE487

 007523

 7BFFA2

 005B09

 99FFBD

 004200

 B7FFD9

 002C00

 D5FFF6

 000A00

 F3FFFF

 000000

 00AB54

 11AB5D

 22AB65

 33AB6E

 44AB77

 55AB7F

 67AB88

 78AB91

 89AB9A

 9AABA2

Harmonies

Analogous

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



79A11D



00AB54



00AF90

Triad

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



00AB54



009CFF



FA615F

Complementary

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



00AB54



AB0057

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.



FA5999



00AB54



8E86FC

Square

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



00AB54



00AAF9



D96BD2



E07A2C

Rectangle

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



00AB54



00B0B9



D96BD2



FD5C72

Sweetspot

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



00AB54



9BDEBC



58AB00



48705C



F0F0F0



707070

Same Dimension

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



00AB54



00DE6D



00ABA8



4E5752



00964A



00170B

Inverse Universe

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



AB0057



DE0071



AB0003



574E52



96004D



17000C

Previews

White Background



This preview shows how the Hex color 00AB54 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 00AB54 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 00AB54 Background



This preview shows how black text looks on a background with the Hex color 00AB54.

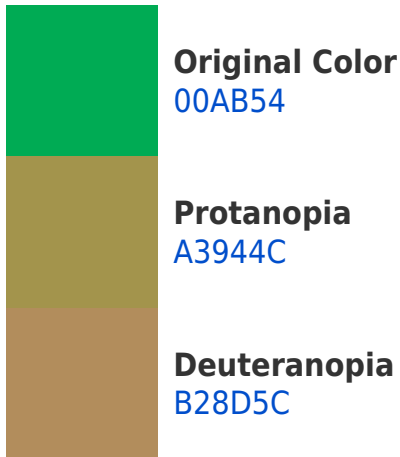


This preview shows how white text looks on a background with the Hex color 00AB54.

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](#).

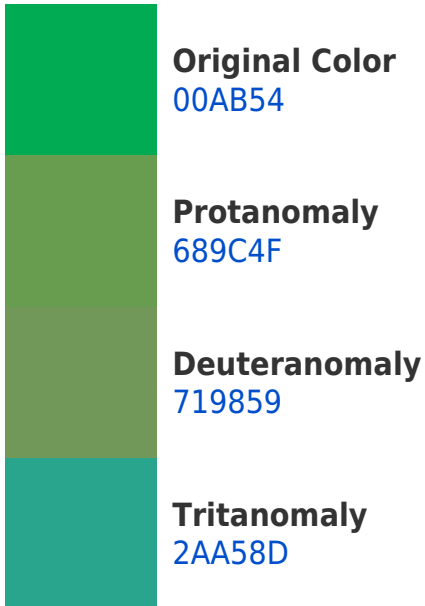
Dichromacy





Tritanopia
42A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00AB54 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 #00AB54 looks like.

```
.text, #text, p{  
    color:#00AB54  
}
```

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 #00AB54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AB54
}
```

Border

The CSS property to change the border of an element to Hex 00AB54 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
#00AB54 }
```

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

```
.border{ border-color:#00AB54 }
```

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

Here you see how a box with a 4 pixel #00AB54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AB54; -webkit-box-shadow:4px 4px  
4px 4px #00AB54; box-shadow:4px 4px 4px  
4px #00AB54 }
```

Background

The CSS property to change the background color of an element to Hex 00AB54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AB54 }
```

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

```
.background{ background-color:#00AB54 }
```

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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