

Converting Colors

Hex(04A854)

Have a look what the booklet for
Hex(04A854) contains.

Hex(04A854)	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(04A854)

Conversions

Conversions Part 1

Format	Color
Hex	04A854
RGB	4, 168, 84
RGB Percent	2%, 66%, 33%
CMY	0.9843, 0.3412, 0.6706
CMYK	0.98, 0.00, 0.50, 0.34
HSL	149°, 95%, 34%
HSV	149°, 98%, 66%
XYZ	15.6529, 28.6712, 13.0966
YIQ	109.3880, -70.7800, -60.8920

Conversions

Conversions Part 2

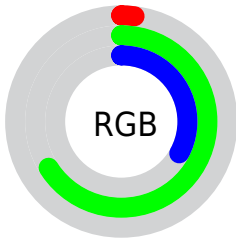
Format	Color
RYB	4, 114, 168
Decimal	305236
CIELab	60.49, -55.63, 33.15
CIELCh	60, 64.763, 149.207
Yxy	28.6712, 0.2726, 0.4993
Android (android.graphics.Color)	4278495316 (0xFF04A854)
YUV	109.3880, -12.5163, -92.4253
Hunter-Lab	53.5455, -41.5237, 22.9802

Details

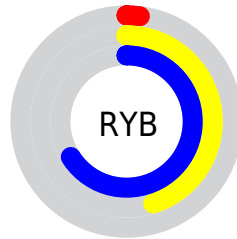
The Hex color **04A854** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A80458**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5CE087**, and **007224** is the 20% darker color. If you saturate the color by 10%, you get **00A852**, and if you desaturate by 10%, it is **15A85D**.

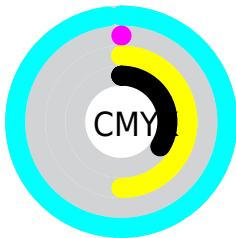
Distribution



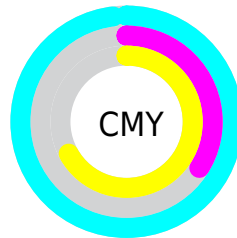
- Red (2%)
- Green (66%)
- Blue (33%)



- Red (2%)
- Yellow (45%)
- Blue (66%)



- Cyan (98%)
- Magenta (0%)
- Yellow (50%)
- Black (34%)



- Cyan (98%)
- Magenta (34%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04A854 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 04A854 by changing the saturation by 10% instead.

 04A854

 04A854

FFFFFF

 008D3C

 5CE087

 007224

 7BFEA2

 00590A

 99FFBD

 004000

 B6FFD9

 002900

 D4FFF6

 000300

 F2FFFF

 000000

 04A854

 04A854

 00A852

 15A85D

 26A865

 36A86E

 47A876

 58A87F

 69A888

 7AA890

 8AA899

 9BA8A1

Harmonies

Analogous

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



779F20



04A854



00AC8F

Triad

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



04A854



0099FF



F5615E

Complementary

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



04A854



A80458

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.



F55996



04A854



8D83F6

Square

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



04A854



00A6F4



D569CD



DB782C

Rectangle

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



04A854



00ADB6



D569CD



F85B70

Sweetspot

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



04A854



9CDBBB



59A804



476E5A



EDEDED



6E6E6E

Same Dimension

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



04A854



00DB6B



04A8A5



4C5450



009448



00140A

Inverse Universe

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



A80458



DB0070



A80407



544C50



94004C



14000A

Previews

White Background



This preview shows how the Hex color 04A854 looks on a white background.

Color Contrast Check

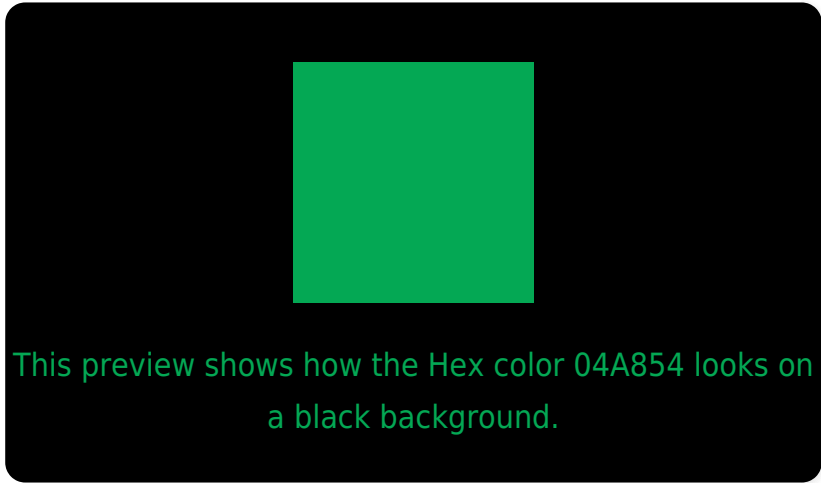
Large Text (above 18pt) WCAG AA ✓ Pass

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 04A854 Background



This preview shows how black text looks on a background with the Hex color 04A854.



This preview shows how white text looks on a background with the Hex color 04A854.

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
04A854

Protanopia
A0914C

Deuteranopia
AF8A5B



Tritanopia
409EAB

Trichromacy



Original Color

04A854



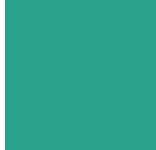
Protanomaly

67994F



Deuteranomaly

719558



Tritanomaly

2AA28B

Monochromacy



Original Color

04A854



Achromatopsia

6D6D6D



Achromatomaly

478264

CSS Examples

Text

The CSS property to change the color of the text to Hex 04A854 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 #04A854 looks like.

```
.text, #text, p{  
    color:#04A854  
}
```

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 #04A854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04A854
}
```

Border

The CSS property to change the border of an element to Hex 04A854 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
#04A854 }
```

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

```
.border{ border-color:#04A854 }
```

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

Here you see how a box with a 4 pixel #04A854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04A854; -webkit-box-shadow:4px 4px  
4px 4px #04A854; box-shadow:4px 4px 4px  
4px #04A854 }
```

Background

The CSS property to change the background color of an element to Hex 04A854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04A854 }
```

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

```
.background{ background-color:#04A854 }
```

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