

# Converting Colors

Hex(04A750)

Have a look what the booklet for  
Hex(04A750) contains.

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**Color**

**Hex(04A750)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04A750
RGB	4, 167, 80
RGB Percent	2%, 65%, 31%
CMY	0.9843, 0.3451, 0.6863
CMYK	0.98, 0.00, 0.52, 0.35
HSL	148°, 95%, 34%
HSV	148°, 98%, 65%
XYZ	15.3168, 28.2424, 12.2335
YIQ	108.3450, -69.2210, -61.6130

# Conversions

## Conversions Part 2

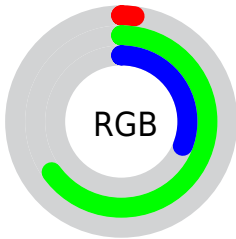
Format	Color
<b>RYB</b>	4, 115, 167
Decimal	304976
CIELab	60.11, -55.96, 34.71
CIELCh	60, 65.850, 148.188
Yxy	28.2424, 0.2745, 0.5062
Android (android.graphics.Color)	4278495056 (0xFF04A750)
YUV	108.3450, -13.9741, -91.5106
Hunter-Lab	53.1436, -41.5550, 23.5522

# Details

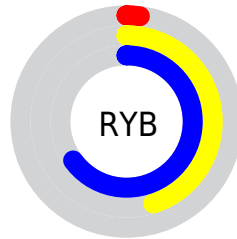
The Hex color **04A750** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A7045B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5CDF83**, and **00711F** is the 20% darker color. If you saturate the color by 10%, you get **00A74E**, and if you desaturate by 10%, it is **15A759**.

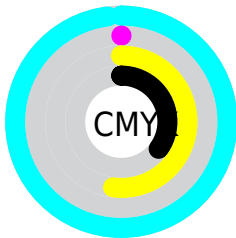
# Distribution



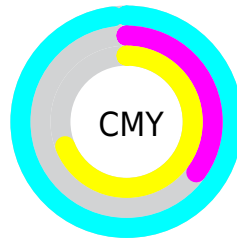
- Red (2%)
- Green (65%)
- Blue (31%)



- Red (2%)
- Yellow (45%)
- Blue (65%)



- Cyan (98%)
- Magenta (0%)
- Yellow (52%)
- Black (35%)



- Cyan (98%)
- Magenta (35%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 04A750 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 04A750 by changing the saturation by 10% instead.



 04A750

 04A750

FFFFFF

 008C38

 5CDF83

 00711F

 7AFC9E

 005804

 98FFB9

 003F00

 B6FFD5

 002800

 D4FFF2

 000100

 F2FFFF

 000000

 04A750

 04A750

 00A74E

 15A759

 25A762

 36A76B

 47A774

 57A77D

 68A785

 79A78E

 8AA797

 9AA7A0

# Harmonies

## Analogous

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



779D19



04A750



00AB8B

# Triad

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



04A750



0099FF



F55E5E

# Complementary

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



04A750



A7045B

# 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.



F55697



04A750



8883F8

# Square

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



04A750



00A6F3



D368CF



DC762B

# Rectangle

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



04A750



00ACB3



D368CF



F85870



# Sweetspot

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



04A750



9AD9B7



5EA704



476E59



EDEDED



6E6E6E



# Same Dimension

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



04A750



00D965



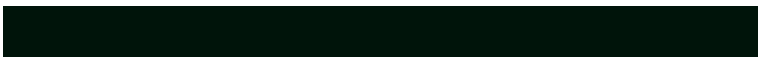
04A79F



4C5450



009445



00140A



# Inverse Universe

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



A7045B



D90074



A7040C



544C50



94004F



14000B



# Previews

## White Background



This preview shows how the Hex color 04A750 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 04A750 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 04A750 Background



This preview shows how black text looks on a background with the Hex color 04A750.



This preview shows how white text looks on a background with the Hex color 04A750.

# 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**  
04A750

**Protanopia**  
9F9048

**Deuteranopia**  
AE8958



**Tritanopia**  
419DAA

# Trichromacy



**Original Color**  
04A750



**Protanomaly**  
67984B



**Deuteranomaly**  
709455



**Tritanomaly**  
2BA189

# Monochromacy



**Original Color**  
04A750



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
468162

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 04A750 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 #04A750 looks like.

```
.text, #text, p{  
    color:#04A750  
}
```

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 #04A750 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04A750
}
```

## Border

The CSS property to change the border of an element to Hex 04A750 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
#04A750 }
```

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

```
.border{ border-color:#04A750 }
```

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

Here you see how a box with a 4 pixel #04A750 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04A750; -webkit-box-shadow:4px 4px  
4px 4px #04A750; box-shadow:4px 4px 4px  
4px #04A750 }
```

# Background

The CSS property to change the background color of an element to Hex 04A750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04A750 }
```

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

```
.background{ background-color:#04A750 }
```

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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