

Converting Colors

Hex(05A750)

Have a look what the booklet for
Hex(05A750) contains.

Hex(05A750)	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(05A750)

Conversions

Conversions Part 1

Format	Color
Hex	05A750
RGB	5, 167, 80
RGB Percent	2%, 65%, 31%
CMY	0.9804, 0.3451, 0.6863
CMYK	0.97, 0.00, 0.52, 0.35
HSL	148°, 94%, 34%
HSV	148°, 97%, 65%
XYZ	15.3293, 28.2489, 12.2341
YIQ	108.6440, -68.6250, -61.4010

Conversions

Conversions Part 2

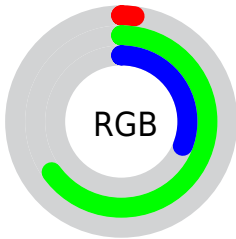
Format	Color
RYB	5, 116, 167
Decimal	370512
CIELab	60.11, -55.91, 34.72
CIElCh	60, 65.813, 148.159
Yxy	28.2489, 0.2747, 0.5061
Android (android.graphics.Color)	4278560592 (0xFF05A750)
YUV	108.6440, -14.1215, -90.8958
Hunter-Lab	53.1497, -41.5295, 23.5573

Details

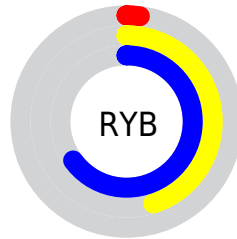
The Hex color **05A750** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A7055C**, and the grayscale version is **6D6D6D**.

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 **00A74D**, and if you desaturate by 10%, it is **16A759**.

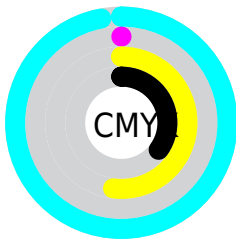
Distribution



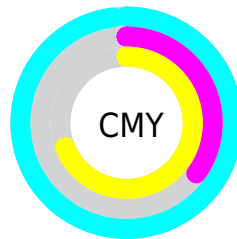
- Red (2%)
- Green (65%)
- Blue (31%)



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



- Cyan (97%)
- Magenta (0%)
- Yellow (52%)
- Black (35%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 05A750 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 05A750 by changing the saturation by 10% instead.

 05A750

 05A750

FFFFFF

 008C38

 5CDF83

 00711F

 7BFC9E

 005804

 98FFB9

 003F00

 B6FFD5

 002800

 D4FFF2

 000100

 F2FFFF

 000000

 05A750

 05A750

 00A74D

 16A759

 26A762

 37A76B

 48A774

 58A77D

 69A786

 7AA78F

 8BA798

 9BA7A1

Harmonies

Analogous

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



779D19



05A750



00AB8B

Triad

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



05A750



0099FF



F55E5E

Complementary

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



05A750



A7055C

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



05A750



8883F8

Square

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



05A750



00A6F3



D368CF



DC762B

Rectangle

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



05A750



00ACB3



D368CF



F85870

Sweetspot

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



05A750



9AD9B7



5EA705



476E59



EDEDED



6E6E6E

Same Dimension

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



05A750



00D964



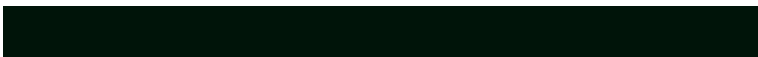
05A79F



4C5450



009444



001409

Inverse Universe

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



A7055C



D90074



A7050D



544C50



94004F



14000B

Previews

White Background



This preview shows how the Hex color 05A750 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 05A750 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 05A750 Background



This preview shows how black text looks on a background with the Hex color 05A750.

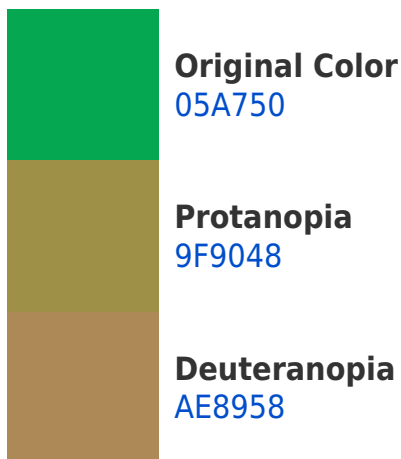


This preview shows how white text looks on a background with the Hex color 05A750.

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
419DAA

Trichromacy



Original Color
05A750



Protanomaly
67984B



Deuteranomaly
719455



Tritanomaly
2BA189

Monochromacy



Original Color
05A750



Achromatopsia
6D6D6D



Achromatomaly
478262

CSS Examples

Text

The CSS property to change the color of the text to Hex 05A750 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 #05A750 looks like.

```
.text, #text, p{  
    color:#05A750  
}
```

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 #05A750 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05A750
}
```

Border

The CSS property to change the border of an element to Hex 05A750 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
#05A750 }
```

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

```
.border{ border-color:#05A750 }
```

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

Here you see how a box with a 4 pixel #05A750 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05A750; -webkit-box-shadow:4px 4px  
4px 4px #05A750; box-shadow:4px 4px 4px  
4px #05A750 }
```

Background

The CSS property to change the background color of an element to Hex 05A750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05A750 }
```

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

```
.background{ background-color:#05A750 }
```

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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