

# Converting Colors

Hex(54A051)

Have a look what the booklet for  
Hex(54A051) contains.

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**Color**

**Hex(54A051)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54A051
RGB	84, 160, 81
RGB Percent	33%, 63%, 32%
CMY	0.6706, 0.3725, 0.6824
CMYK	0.48, 0.00, 0.49, 0.37
HSL	118°, 33%, 47%
HSV	118°, 49%, 63%
XYZ	17.7122, 27.6205, 12.1823
YIQ	128.2700, -19.9370, -40.6810

# Conversions

## Conversions Part 2

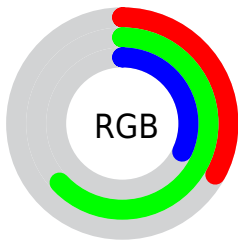
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 160, 157
Decimal	5546065
CIELab	59.54, -40.03, 33.88
CIELCh	60, 52.440, 139.759
Yxy	27.6205, 0.3080, 0.4802
Android (android.graphics.Color)	4283736145 (0xFF54A051)
YUV	128.2700, -23.3041, -38.8248
Hunter-Lab	52.5552, -31.8135, 23.0452

# Details

The Hex color **54A051** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9D51A0**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **8AD784**, and **1A6C21** is the 20% darker color. If you saturate the color by 10%, you get **45A041**, and if you desaturate by 10%, it is **63A061**.

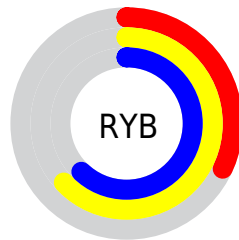
# Distribution



Red (33%)

Green (63%)

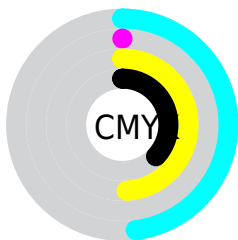
Blue (32%)



Red (32%)

Yellow (63%)

Blue (62%)

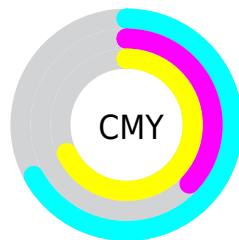


Cyan (48%)

Magenta (0%)

Yellow (49%)

Black (37%)



Cyan (67%)

Magenta (37%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54A051 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 54A051 by changing the saturation by 10% instead.





54A051



54A051

FFFFFF



398539



8AD784



1A6C21



A6F49E



005307



C2FFBA



003B00



DFFFD6



002600



FCFFF2



000000



54A051



54A051



45A041



63A061



35A031



73A071

 26A021

 82A081

 16A011

 92A091

 07A001

 A1A0A1

 06A000

 B0A0B1

 C0A0C1

 CFA0D1

 DFA0E1

# Harmonies

## Analogous

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



8B9632



54A051



00A57D

# Triad

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



54A051



0099EA



E46873

# Complementary

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



54A051



9D51A0

# 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.



DC68A1



54A051



768AE6

# Square

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



54A051



00A2D5



B877CB



D6764A

# Rectangle

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



54A051



00A69E



B877CB



E46682



# Sweetspot

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



54A051



B3D1B2



A09C51



566956



E8E8E8



696969



# Same Dimension

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



54A051



5AD156



51A075



474F47



058F00



010F00



# Inverse Universe

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



9D51A0



CC56D1



A0517C



4F474F



89008F



0F000F



# Previews

## White Background



This preview shows how the Hex color 54A051 looks on a white background.

## Color Contrast Check

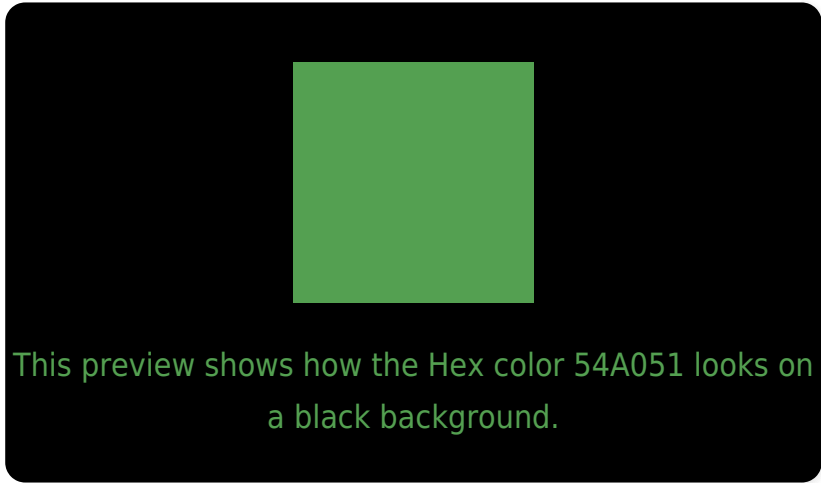
Large Text (above 18pt) WCAG AA ✓ Pass

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 54A051 Background



This preview shows how black text looks on a background with the Hex color 54A051.

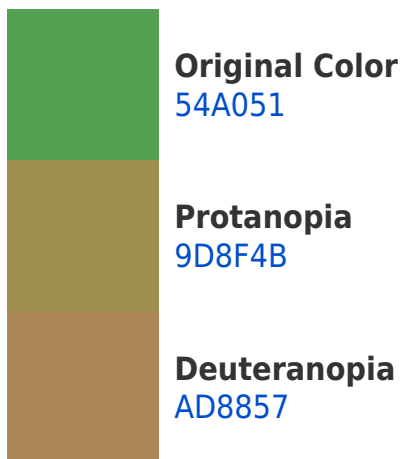


This preview shows how white text looks on a background with the Hex color 54A051.

# 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**  
6597A3

# Trichromacy



**Original Color**  
54A051



**Protanomaly**  
82954D



**Deuteranomaly**  
8D9155



**Tritanomaly**  
5F9A85

# Monochromacy



**Original Color**  
54A051



**Achromatopsia**  
808080



**Achromatomaly**  
708C6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54A051 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 #54A051 looks like.

```
.text, #text, p{  
    color:#54A051  
}
```

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 #54A051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54A051
}
```

## Border

The CSS property to change the border of an element to Hex 54A051 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
#54A051 }
```

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

```
.border{ border-color:#54A051 }
```

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

Here you see how a box with a 4 pixel #54A051 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54A051; -webkit-box-shadow:4px 4px  
4px 4px #54A051; box-shadow:4px 4px 4px  
4px #54A051 }
```

# Background

The CSS property to change the background color of an element to Hex 54A051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54A051 }
```

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

```
.background{ background-color:#54A051 }
```

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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