

# Converting Colors

Hex(4AC747)

Have a look what the booklet for  
Hex(4AC747) contains.

<b>Hex(4AC747)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(4AC747)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4AC747
RGB	74, 199, 71
RGB Percent	29%, 78%, 28%
CMY	0.7098, 0.2196, 0.7216
CMYK	0.63, 0.00, 0.64, 0.22
HSL	119°, 53%, 53%
HSV	119°, 64%, 78%
XYZ	24.3848, 42.7576, 12.9291
YIQ	147.0330, -33.4120, -66.3080

# Conversions

## Conversions Part 2

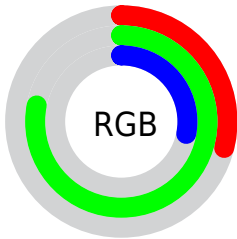
Format	Color
<a href="#">RYB</a>	<a href="#">71, 199, 196</a>
Decimal	<a href="#">4900679</a>
CIELab	<a href="#">71.39, -58.97, 52.37</a>
CIELCh	<a href="#">71, 78.869, 138.394</a>
Yxy	<a href="#">42.7576, 0.3045, 0.5340</a>
Android (android.graphics.Color)	<a href="#">4283090759 (0xFF4AC747)</a>
YUV	<a href="#">147.0330, -37.4843, -64.0499</a>
Hunter-Lab	<a href="#">65.3893, -47.8656, 34.0494</a>

# Details

The Hex color **4AC747** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **C447C7**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **88FF7C**, and **009009** is the 20% darker color. If you saturate the color by 10%, you get **37C733**, and if you desaturate by 10%, it is **5DC75B**.

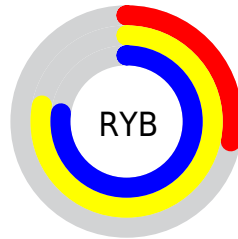
# Distribution



Red (29%)

Green (78%)

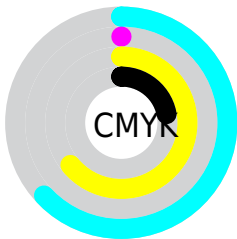
Blue (28%)



Red (28%)

Yellow (78%)

Blue (77%)

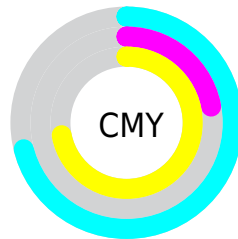


Cyan (63%)

Magenta (0%)

Yellow (64%)

Black (22%)



Cyan (71%)

Magenta (22%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4AC747 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 4AC747 by changing the saturation by 10% instead.



 4AC747

 4AC747

FFFFFF

 24AB2C

 88FF7C

 009009

 A5FF98

 007500

 C3FFB3

 005B00

 E1FFD0

 004200

 FFFFED

 002C00

 000A00

 000000

 4AC747

 4AC747

 37C733

 5DC75B

 23C71F

 71C76F

 10C70B

 84C783

 05C700

 98C797

 ABC7AB

 BFC7BE

 D2C7D2

 E5C7E6

 F9C7FA

# Harmonies

## Analogous

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



A7B900



4AC747



00CE8F

# Triad

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



4AC747



00BFFF



FF6786

# Complementary

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



4AC747



C447C7

# 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.



FF68CE



4AC747



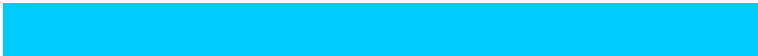
6FA8FF

# Square

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



4AC747



00CCFF



E986FF



FF8244

# Rectangle

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



4AC747



00D0C2



E986FF



FF639E

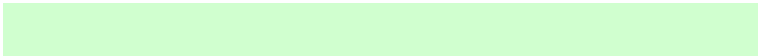


# Sweetspot

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



4AC747



D0FFCF



C7C347



638062



000000



808080



# Same Dimension

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



4AC747



3FFF3B



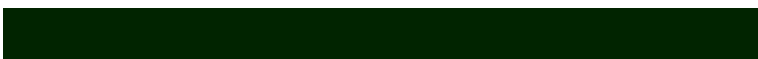
47C783



5A635A



04A300



012400



# Inverse Universe

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



C447C7



FA3BFF



C7478B



635A63



9F00A3



230024



# Previews

## White Background



This preview shows how the Hex color 4AC747 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4AC747 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

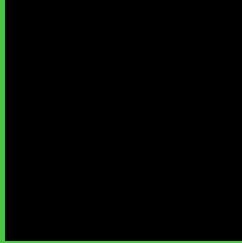
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4AC747 Background



This preview shows how black text looks on a background with the Hex color 4AC747.

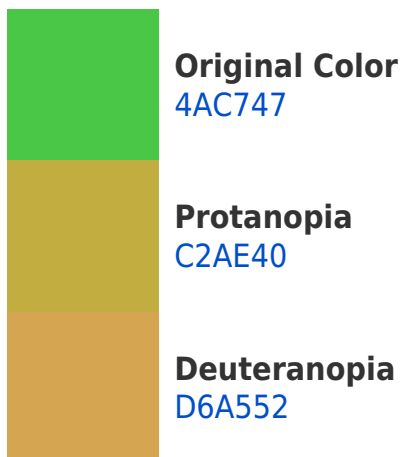


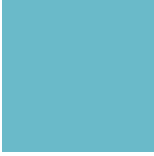
This preview shows how white text looks on a background with the Hex color 4AC747.

# 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**  
6ABAC9

# Trichromacy



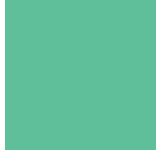
**Original Color**  
4AC747



**Protanomaly**  
96B743



**Deuteranomaly**  
A3B14E



**Tritanomaly**  
5EBF9A

# Monochromacy



**Original Color**  
4AC747



**Achromatopsia**  
939393



**Achromatomaly**  
78A677

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4AC747 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 #4AC747 looks like.

```
.text, #text, p{  
    color:#4AC747  
}
```

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 #4AC747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AC747
}
```

## Border

The CSS property to change the border of an element to Hex 4AC747 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
#4AC747 }
```

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

```
.border{ border-color:#4AC747 }
```

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

Here you see how a box with a 4 pixel #4AC747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AC747; -webkit-box-shadow:4px 4px  
4px 4px #4AC747; box-shadow:4px 4px 4px  
4px #4AC747 }
```

# Background

The CSS property to change the background color of an element to Hex 4AC747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AC747 }
```

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

```
.background{ background-color:#4AC747 }
```

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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