

# Converting Colors

Hex(67A63A)

Have a look what the booklet for  
Hex(67A63A) contains.

<b>Hex(67A63A)</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(67A63A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67A63A
RGB	103, 166, 58
RGB Percent	40%, 65%, 23%
CMY	0.5961, 0.3490, 0.7725
CMYK	0.38, 0.00, 0.65, 0.35
HSL	95°, 48%, 44%
HSV	95°, 65%, 65%
XYZ	19.9935, 30.4615, 8.8289
YIQ	134.8510, -2.8800, -46.9440

# Conversions

## Conversions Part 2

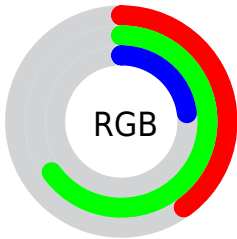
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 166, 121
Decimal	6792762
CIELab	62.05, -39.06, 48.00
CIELCh	62, 61.888, 129.136
Yxy	30.4615, 0.3372, 0.5138
Android (android.graphics.Color)	4284982842 (0xFF67A63A)
YUV	134.8510, -37.8875, -27.9333
Hunter-Lab	55.1919, -31.9237, 29.1499

# Details

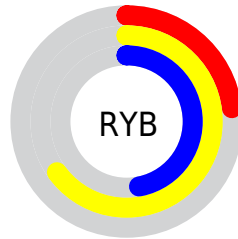
The Hex color **67A63A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **793AA6**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **9EDE6E**, and **307100** is the 20% darker color. If you saturate the color by 10%, you get **5DA629**, and if you desaturate by 10%, it is **71A64B**.

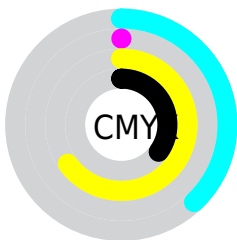
# Distribution



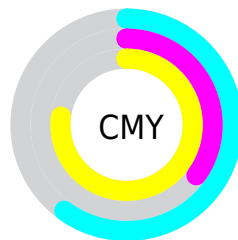
- Red (40%)
- Green (65%)
- Blue (23%)



- Red (23%)
- Yellow (65%)
- Blue (47%)



- Cyan (38%)
- Magenta (0%)
- Yellow (65%)
- Black (35%)



- Cyan (60%)
- Magenta (35%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67A63A 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 67A63A by changing the saturation by 10% instead.



 67A63A

 67A63A

FFFFFF

 4C8B1F

 9EDE6E

 307100

 BAFA89

 105800

 D7FFA4

 004000

 F4FFC0

 002A00

 FFFFDC

 000E00

 FFFFF9

 000000

 67A63A

 67A63A

 5DA629

 71A64B

■ 54A619

■ 7AA65B

■ 4AA608

■ 84A66C

■ 45A600

■ 8EA67C

■ 97A68D

■ A1A69E

■ ABA6AE

■ B4A6BF

■ BEA6CF

# Harmonies

## Analogous

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



A29919



67A63A



00AD6D

# Triad

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



67A63A



00A6FC



F96187

# Complementary

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



67A63A



793AA6

# 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.



E569BE



67A63A



3D97FF

# Square

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



67A63A



00AEDA



AE80EC



F06F53

# Rectangle

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



67A63A



00B093



AE80EC



F6619A



# Sweetspot

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



67A63A



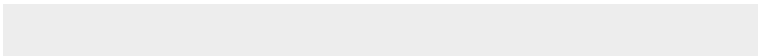
BFD9AD



A6793A



5E6E53



EDEDED



6E6E6E



# Same Dimension

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



67A63A



76D930



3AA643



4F544C



3E9400



081400



# Inverse Universe

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



793AA6



9230D9



A63A9D



514C54



560094



0C0014



# Previews

## White Background



This preview shows how the Hex color 67A63A looks on a white background.

## Color Contrast Check

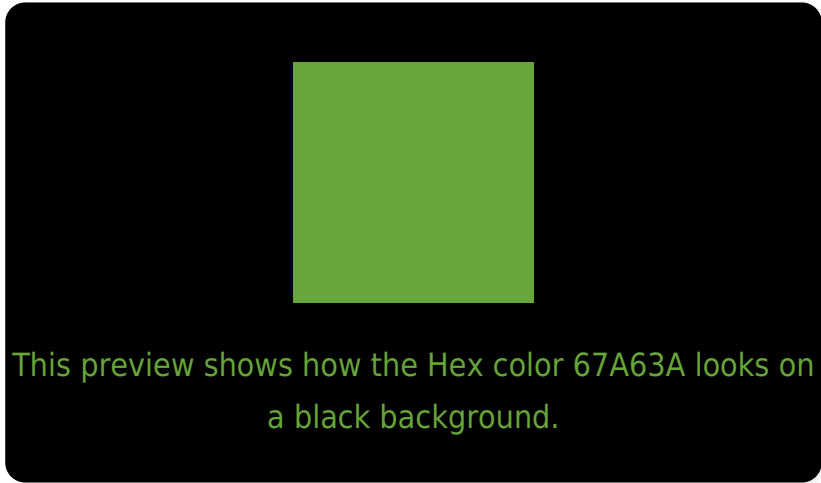
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 67A63A Background



This preview shows how black text looks on a background with the Hex color 67A63A.




This preview shows how white text looks on a background with the Hex color 67A63A.

# 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**  
789BA8

# Trichromacy



**Original Color**  
67A63A

**Protanomaly**  
909C37

**Deuteranomaly**  
9B973F

**Tritanomaly**  
729F80

# Monochromacy



**Original Color**  
67A63A

**Achromatopsia**  
878787

**Achromatomaly**  
7B926B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67A63A 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 #67A63A looks like.

```
.text, #text, p{  
    color:#67A63A  
}
```

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 #67A63A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67A63A
}
```

## Border

The CSS property to change the border of an element to Hex 67A63A 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
#67A63A }
```

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

```
.border{ border-color:#67A63A }
```

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

Here you see how a box with a 4 pixel #67A63A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67A63A; -webkit-box-shadow:4px 4px  
4px 4px #67A63A; box-shadow:4px 4px 4px  
4px #67A63A }
```

# Background

The CSS property to change the background color of an element to Hex 67A63A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67A63A }
```

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

```
.background{ background-color:#67A63A }
```

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