

# Converting Colors

Hex(67DA44)

Have a look what the booklet for  
Hex(67DA44) contains.

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**Color**

**Hex(67DA44)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67DA44
RGB	103, 218, 68
RGB Percent	40%, 85%, 27%
CMY	0.5961, 0.1451, 0.7333
CMYK	0.53, 0.00, 0.69, 0.15
HSL	106°, 67%, 56%
HSV	106°, 69%, 85%
XYZ	31.7083, 53.4437, 14.1133
YIQ	166.5150, -20.3900, -71.0300

# Conversions

## Conversions Part 2

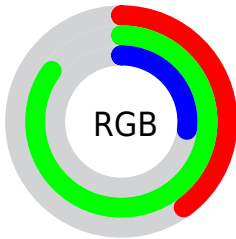
Format	Color
<a href="#">RYB</a>	<a href="#">68, 218, 183</a>
Decimal	<a href="#">6806084</a>
CIELab	<a href="#">78.14, -58.98, 61.09</a>
CIELCh	<a href="#">78, 84.916, 133.997</a>
Yxy	<a href="#">53.4437, 0.3194, 0.5384</a>
Android (android.graphics.Color)	<a href="#">4284996164</a> ( <a href="#">0xFF67DA44</a> )
YUV	<a href="#">166.5150, -48.5679, -55.7027</a>
Hunter-Lab	<a href="#">73.1052, -50.5124, 39.7274</a>

# Details

The Hex color **67DA44** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **B744DA**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A3FF7B**, and **20A200** is the 20% darker color. If you saturate the color by 10%, you get **56DA2E**, and if you desaturate by 10%, it is **78DA5A**.

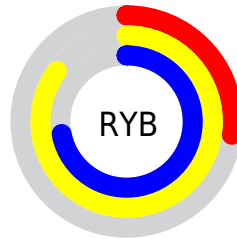
# Distribution



Red (40%)

Green (85%)

Blue (27%)



Red (27%)

Yellow (85%)

Blue (72%)

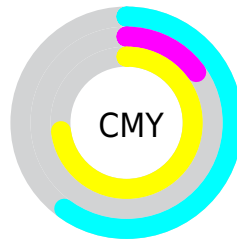


Cyan (53%)

Magenta (0%)

Yellow (69%)

Black (15%)



Cyan (60%)

Magenta (15%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67DA44 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 67DA44 by changing the saturation by 10% instead.



 67DA44

 67DA44

FFFFFF

 47BE26

 A3FF7B

 20A200

 C1FF97

 008700

 DFFF B3

 006D00

 FDFFD0

 005300

 FFFFED

 003B00

 002300

 000000

 67DA44

 67DA44

 56DA2E

 78DA5A

 46DA18

 88DA70

 35DA03

 99DA85

 33DA00

 AADA9B

 BBDAB1

 CBDAC7

 DCDADD

 EDDAF2

 FDDAFF

# Harmonies

## Analogous

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



C4C900



67DA44



00E393

# Triad

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



67DA44



00D6FF



FF70A0

# Complementary

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



67DA44



B744DA

# 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.



FF77EF



67DA44



56BEFF

# Square

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



67DA44



00E2FF



F39BFF



FF8B56

# Rectangle

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



67DA44



00E5CA



F39BFF



FF6EBA

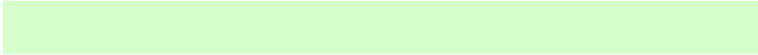


# Sweetspot

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



67DA44



D6FFC9



DAB744



678060



000000



808080



# Same Dimension

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



67DA44



5DFF2B



44DA6C



656E63



28AD00



0B2E00



# Inverse Universe

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



B744DA



CE2BFF



DA44B2



6B636E



8500AD

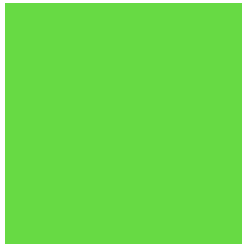


23002E



# Previews

## White Background



This preview shows how the Hex color 67DA44 looks on a white background.

## Color Contrast Check

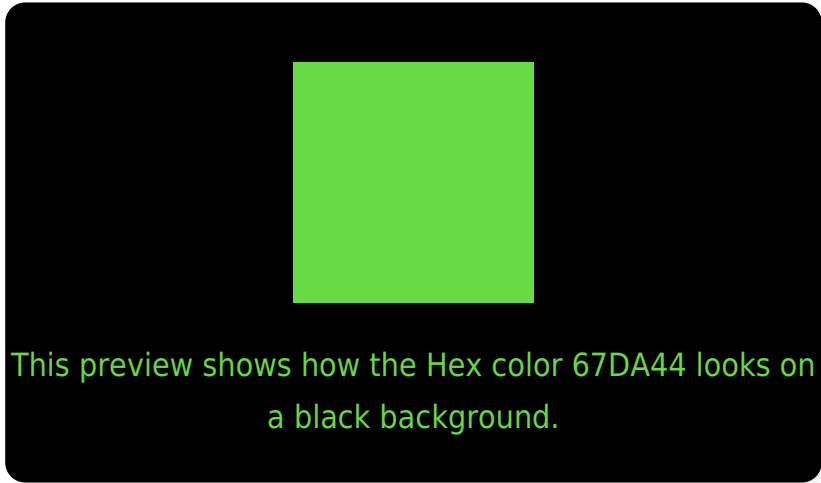
Large Text (above 18pt) WCAG AA × Fail

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

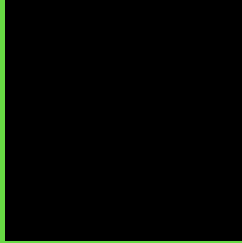
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 67DA44 Background



This preview shows how black text looks on a background with the Hex color 67DA44.

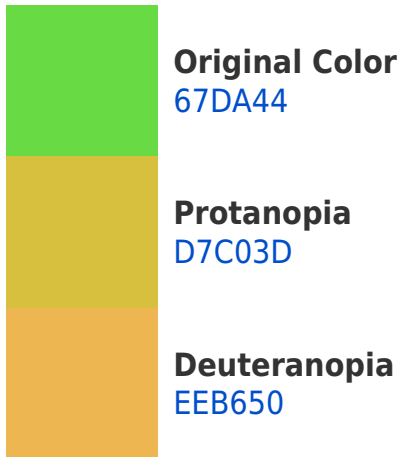


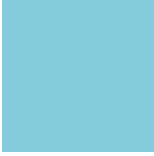
This preview shows how white text looks on a background with the Hex color 67DA44.

# Color Blindness Simulation

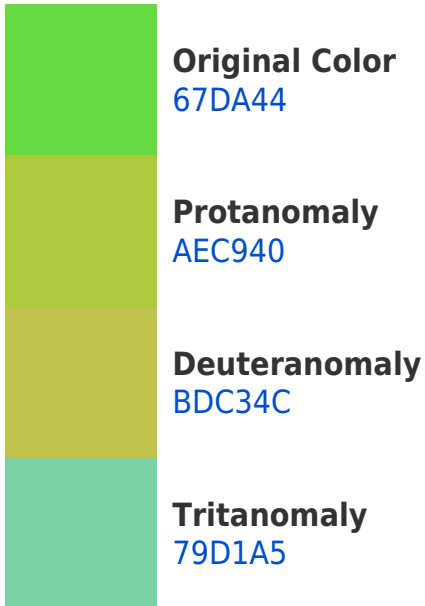
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

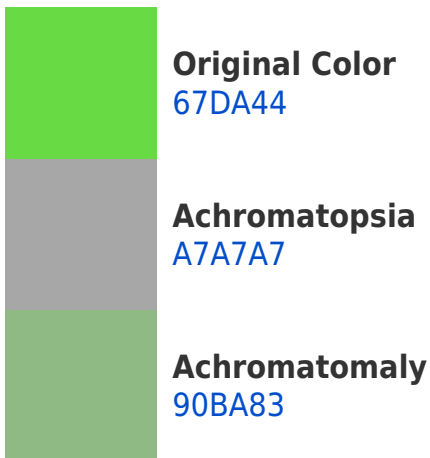




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67DA44 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 #67DA44 looks like.

```
.text, #text, p{  
    color:#67DA44  
}
```

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 #67DA44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67DA44
}
```

## Border

The CSS property to change the border of an element to Hex 67DA44 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
#67DA44 }
```

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

```
.border{ border-color:#67DA44 }
```

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

Here you see how a box with a 4 pixel #67DA44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67DA44; -webkit-box-shadow:4px 4px  
4px 4px #67DA44; box-shadow:4px 4px 4px  
4px #67DA44 }
```

# Background

The CSS property to change the background color of an element to Hex 67DA44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67DA44 }
```

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

```
.background{ background-color:#67DA44 }
```

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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