

Converting Colors

Hex(67AE56)

Have a look what the booklet for
Hex(67AE56) contains.

Hex(67AE56)	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(67AE56)

Conversions

Conversions Part 1

Format	Color
Hex	67AE56
RGB	103, 174, 86
RGB Percent	40%, 68%, 34%
CMY	0.5961, 0.3176, 0.6627
CMYK	0.41, 0.00, 0.51, 0.32
HSL	108°, 35%, 51%
HSV	108°, 51%, 68%
XYZ	22.4093, 33.8276, 14.1524
YIQ	142.7390, -14.0680, -42.4200

Conversions

Conversions Part 2

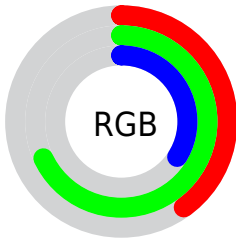
Format	Color
RYB	86, 174, 157
Decimal	6794838
CIELab	64.83, -39.50, 38.04
CIELCh	65, 54.840, 136.075
Yxy	33.8276, 0.3184, 0.4806
Android (android.graphics.Color)	4284984918 (0xFF67AE56)
YUV	142.7390, -27.9723, -34.8511
Hunter-Lab	58.1615, -33.0075, 26.2860

Details

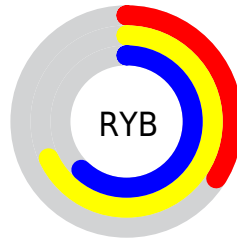
The Hex color **67AE56** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9D56AE**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **9EE68A**, and **317925** is the 20% darker color. If you saturate the color by 10%, you get **59AE45**, and if you desaturate by 10%, it is **75AE67**.

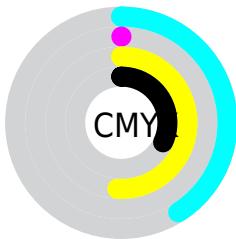
Distribution



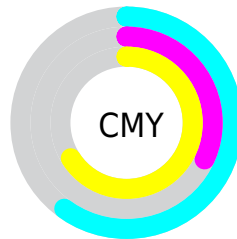
- Red (40%)
- Green (68%)
- Blue (34%)



- Red (34%)
- Yellow (68%)
- Blue (62%)



- Cyan (41%)
- Magenta (0%)
- Yellow (51%)
- Black (32%)



- Cyan (60%)
- Magenta (32%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67AE56 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 67AE56 by changing the saturation by 10% instead.

 67AE56

 67AE56

FFFFFF

 4C933D

 9EE68A

 317925

 BAFFA4

 106009

 D6FFC0

 004700

 F4FFDC

 003000

 FFFFF9

 001900

 000000

 67AE56

 67AE56

 59AE45

 75AE67

 4BAE33

 83AE79

 3DAE22

 91AE8A

 2FAE10

 9FAE9C

 22AE00

 ADAEAD

 BBAEBE

 C9AED0

 D7AEE1

 E5AEF3

Harmonies

Analogous

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



9FA339



67AE56



00B484

Triad

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



67AE56



00A9FC



F87385

Complementary

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



67AE56



9D56AE

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.



EC75B6



67AE56



7799FC

Square

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



67AE56



00B2E3



C285E2



EB8058

Rectangle

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



67AE56



00B5A6



C285E2



F77195

Sweetspot

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



67AE56



C7E3C1



AE9C56



62735E



F2F2F2



737373

Same Dimension

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



67AE56



73E359



56AE70



50574E



1D9600



041700

Inverse Universe

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



9D56AE



C859E3



AE5694



554E57



790096



130017

Previews

White Background



This preview shows how the Hex color 67AE56 looks on a white background.

Color Contrast Check

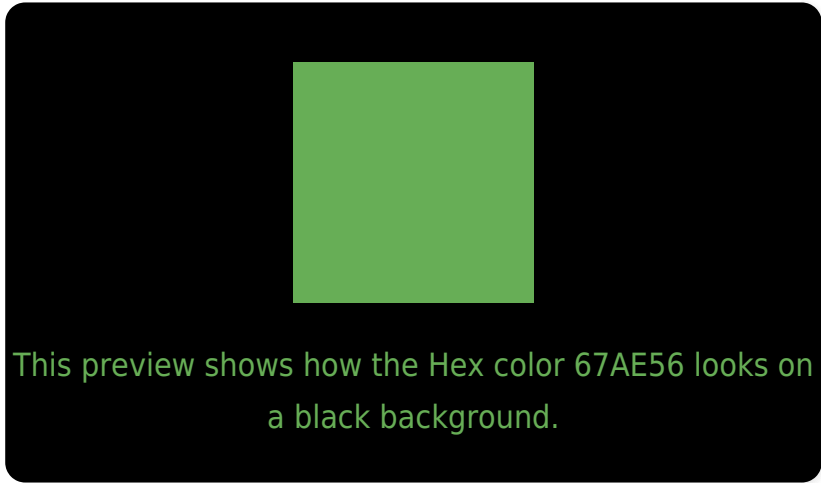
Large Text (above 18pt) WCAG AA × Fail

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 67AE56 Background



This preview shows how black text looks on a background with the Hex color 67AE56.

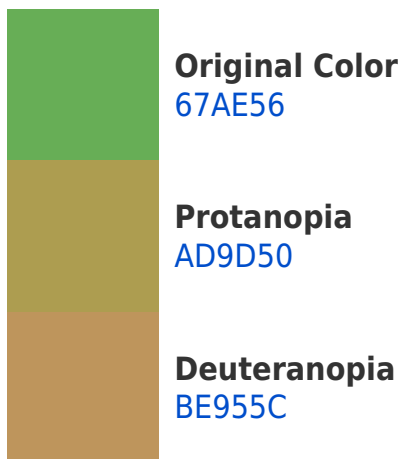


This preview shows how white text looks on a background with the Hex color 67AE56.

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](#).

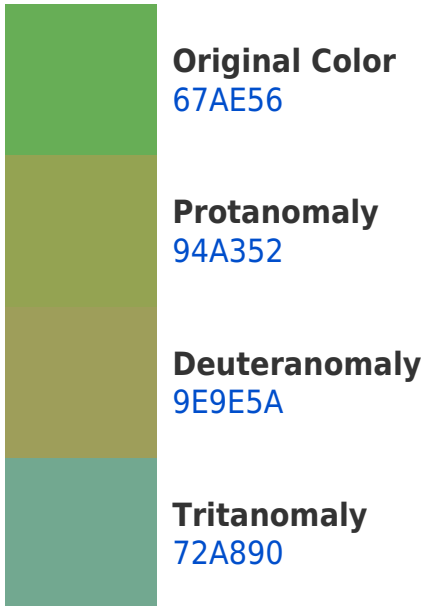
Dichromacy



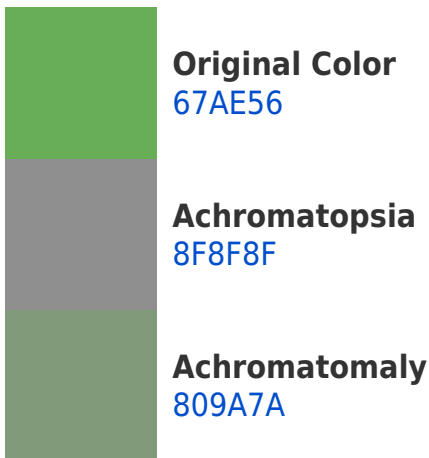


Tritanopia
78A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67AE56 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 #67AE56 looks like.

```
.text, #text, p{  
    color:#67AE56  
}
```

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 #67AE56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67AE56
}
```

Border

The CSS property to change the border of an element to Hex 67AE56 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
#67AE56 }
```

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

```
.border{ border-color:#67AE56 }
```

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

Here you see how a box with a 4 pixel #67AE56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67AE56; -webkit-box-shadow:4px 4px  
4px 4px #67AE56; box-shadow:4px 4px 4px  
4px #67AE56 }
```

Background

The CSS property to change the background color of an element to Hex 67AE56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67AE56 }
```

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

```
.background{ background-color:#67AE56 }
```

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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