

Converting Colors

Hex(67AE70)

Have a look what the booklet for
Hex(67AE70) contains.

Hex(67AE70)	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(67AE70)

Conversions

Conversions Part 1

Format	Color
Hex	67AE70
RGB	103, 174, 112
RGB Percent	40%, 68%, 44%
CMY	0.5961, 0.3176, 0.5608
CMYK	0.41, 0.00, 0.36, 0.32
HSL	128°, 30%, 54%
HSV	128°, 41%, 68%
XYZ	23.6542, 34.3255, 20.7080
YIQ	145.7030, -22.4140, -34.3340

Conversions

Conversions Part 2

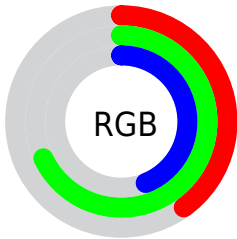
Format	Color
RYB	103, 166, 174
Decimal	6794864
CIELab	65.22, -35.58, 25.02
CIElCh	65, 43.498, 144.888
Yxy	34.3255, 0.3006, 0.4362
Android (android.graphics.Color)	4284984944 (0xFF67AE70)
YUV	145.7030, -16.6156, -37.4505
Hunter-Lab	58.5880, -30.4617, 20.0554

Details

The Hex color **67AE70** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AE67A5**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **9DE6A4**, and **32793F** is the 20% darker color. If you saturate the color by 10%, you get **56AE61**, and if you desaturate by 10%, it is **78AE7F**.

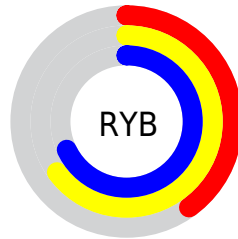
Distribution



Red (40%)

Green (68%)

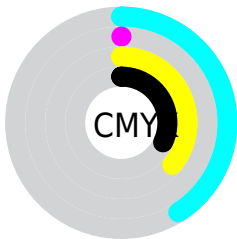
Blue (44%)



Red (40%)

Yellow (65%)

Blue (68%)

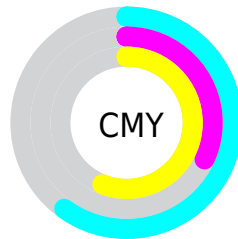


Cyan (41%)

Magenta (0%)

Yellow (36%)

Black (32%)



Cyan (60%)

Magenta (32%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67AE70 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 67AE70 by changing the saturation by 10% instead.



67AE70



67AE70

FFFFFF



4D9357



9DE6A4



32793F



B9FFC0



146028



D5FFDB



004712



F2FFF8



003000



001B00



000000



67AE70



67AE70



56AE61



78AE7F

 44AE52

 8AAE8E

 33AE42

 9BAE9E

 21AE33

 ADAEAD

 10AE24

 BEAEBC

 00AE16

 CFAECB

 E1AEDA

 F2AEEA

 FFAEF9

Harmonies

Analogous

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



96A655



67AE70



1DB296

Triad

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



67AE70



4EA4EB



E88180

Complementary

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



67AE70



AE67A5

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.



E37FA7



67AE70



9897E5

Square

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



67AE70



00AEDD



C888CC



D9C60

Rectangle

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



67AE70



00B3B1



C888CC



E97F8C

Sweetspot

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



67AE70



C8E3CB



A6AE67



637365



F2F2F2



737373

Same Dimension

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



67AE70



74E382



67AE93



4E574F



009613



001703

Inverse Universe

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



AE67A5



E374D5



AE6782



574E56



960083



170014

Previews

White Background



This preview shows how the Hex color 67AE70 looks on a white background.

Color Contrast Check

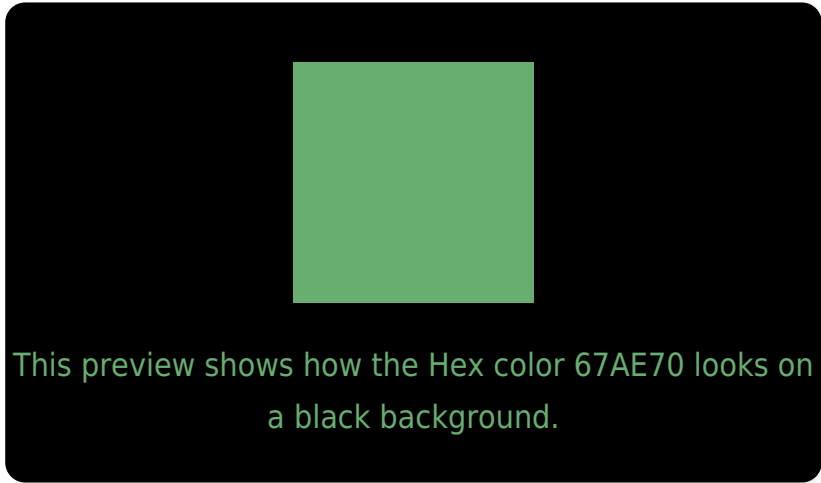
Large Text (above 18pt) WCAG AA × Fail

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

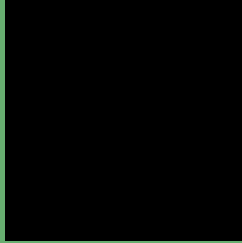
Any Text WCAG AA ✓ Pass

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 67AE70 Background



This preview shows how black text looks on a background with the Hex color 67AE70.

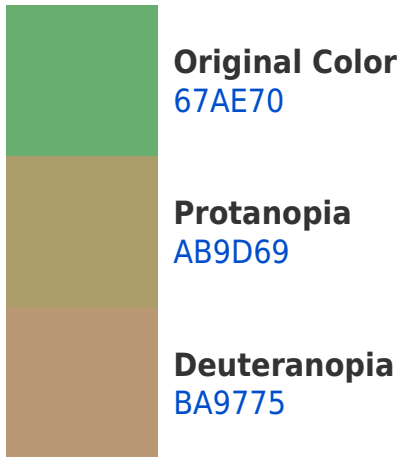


This preview shows how white text looks on a background with the Hex color 67AE70.

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](#).

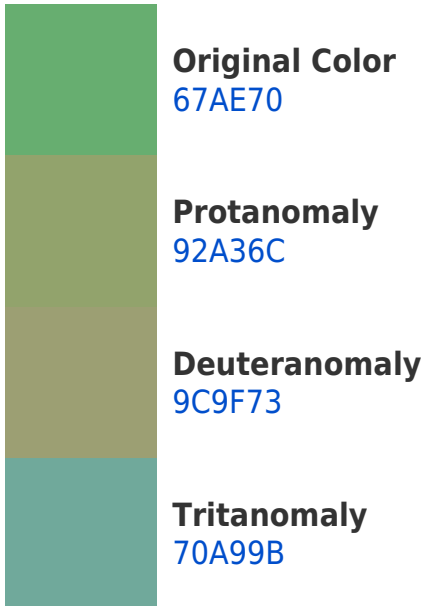
Dichromacy





Tritanopia
75A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67AE70 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 #67AE70 looks like.

```
.text, #text, p{  
    color:#67AE70  
}
```

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 #67AE70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67AE70
}
```

Border

The CSS property to change the border of an element to Hex 67AE70 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
#67AE70 }
```

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

```
.border{ border-color:#67AE70 }
```

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

Here you see how a box with a 4 pixel #67AE70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67AE70; -webkit-box-shadow:4px 4px  
4px 4px #67AE70; box-shadow:4px 4px 4px  
4px #67AE70 }
```

Background

The CSS property to change the background color of an element to Hex 67AE70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67AE70 }
```

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

```
.background{ background-color:#67AE70 }
```

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