

Converting Colors

Hex(67A769)

Have a look what the booklet for
Hex(67A769) contains.

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Color

Hex(67A769)

Conversions

Conversions Part 1

Format	Color
Hex	67A769
RGB	103, 167, 105
RGB Percent	40%, 65%, 41%
CMY	0.5961, 0.3451, 0.5882
CMYK	0.38, 0.00, 0.37, 0.35
HSL	122°, 27%, 53%
HSV	122°, 38%, 65%
XYZ	21.9620, 31.5409, 18.2951
YIQ	140.7960, -18.2420, -32.8500

Conversions

Conversions Part 2

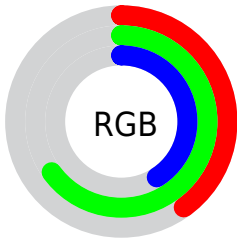
Format	Color
RYB	103, 165, 167
Decimal	6793065
CIELab	62.96, -33.53, 25.78
CIElCh	63, 42.297, 142.449
Yxy	31.5409, 0.3059, 0.4393
Android (android.graphics.Color)	4284983145 (0xFF67A769)
YUV	140.7960, -17.6474, -33.1471
Hunter-Lab	56.1613, -28.4793, 19.9986

Details

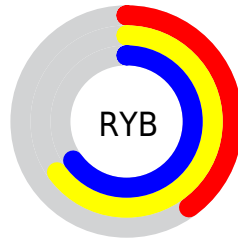
The Hex color **67A769** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A767A5**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **9DDF9D**, and **337239** is the 20% darker color. If you saturate the color by 10%, you get **56A759**, and if you desaturate by 10%, it is **78A779**.

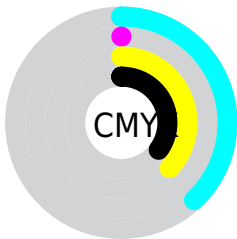
Distribution



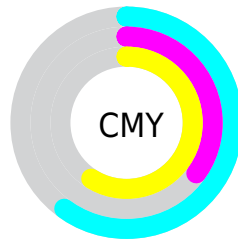
- Red (40%)
- Green (65%)
- Blue (41%)



- Red (40%)
- Yellow (65%)
- Blue (65%)



- Cyan (38%)
- Magenta (0%)
- Yellow (37%)
- Black (35%)



- Cyan (60%)
- Magenta (35%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67A769 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 67A769 by changing the saturation by 10% instead.



67A769



67A769

FFFFFF



4D8C50



9DDF9D



337239



B8FBB8



175922



D5FFD4



00410B



F2FFF0



002B00



001200



000000



67A769



67A769



56A759



78A779

 46A749

 88A789

 35A738

 99A79A

 24A728

 AAA7AA

 14A718

 BBA7BA

 03A708

 CBA7CA

 00A705

 DCA7DA

 EDA7EA

 FDA7FB

Harmonies

Analogous

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



939F51



67A769



25AB8D

Triad

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



67A769



439FE2



E07B7E

Complementary

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



67A769



A767A5

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.



DA7AA3



67A769



8D92DE

Square

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



67A769



00A8D3



BE84C7



D3855E

Rectangle

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



67A769



00ACA7



BE84C7



E07A8A

Sweetspot

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



67A769



C1D9C2



A6A767



5F6E60



EDEDED



6E6E6E

Same Dimension

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



67A769



75D978



67A788



4C544C



009405



001401

Inverse Universe

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



A767A5



D975D6



A76786



544C54



94008F



140014

Previews

White Background



This preview shows how the Hex color 67A769 looks on a white background.

Color Contrast Check

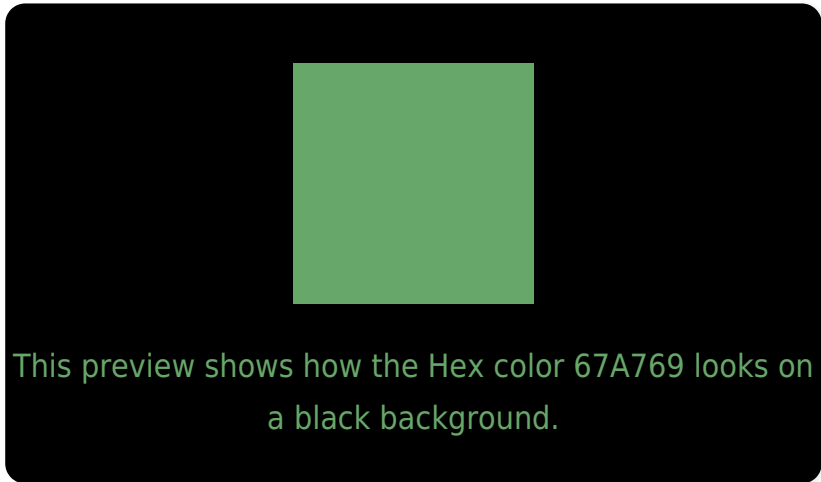
Large Text (above 18pt) WCAG AA × Fail

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

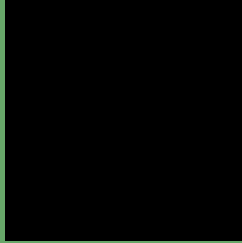
Any Text WCAG AA ✓ Pass

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 67A769 Background



This preview shows how black text looks on a background with the Hex color 67A769.



This preview shows how white text looks on a background with the Hex color 67A769.

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

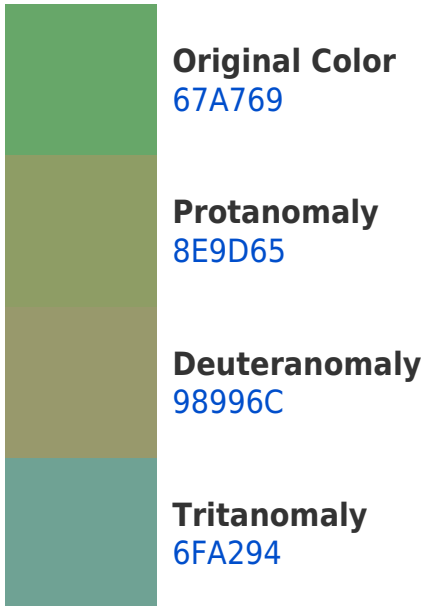


Original Color
67A769

Protanopia
A59863

Deuteranopia
B4916E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67A769 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 #67A769 looks like.

```
.text, #text, p{  
    color:#67A769  
}
```

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 #67A769 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67A769
}
```

Border

The CSS property to change the border of an element to Hex 67A769 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
#67A769 }
```

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

```
.border{ border-color:#67A769 }
```

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

Here you see how a box with a 4 pixel #67A769 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67A769; -webkit-box-shadow:4px 4px  
4px 4px #67A769; box-shadow:4px 4px 4px  
4px #67A769 }
```

Background

The CSS property to change the background color of an element to Hex 67A769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67A769 }
```

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

```
.background{ background-color:#67A769 }
```

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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