

Converting Colors

Hex(67A759)

Have a look what the booklet for
Hex(67A759) contains.

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Color

Hex(67A759)

Conversions

Conversions Part 1

Format	Color
Hex	67A759
RGB	103, 167, 89
RGB Percent	40%, 65%, 35%
CMY	0.5961, 0.3451, 0.6510
CMYK	0.38, 0.00, 0.47, 0.35
HSL	109°, 31%, 50%
HSV	109°, 47%, 65%
XYZ	21.2154, 31.2423, 14.3634
YIQ	138.9720, -13.1060, -37.8260

Conversions

Conversions Part 2

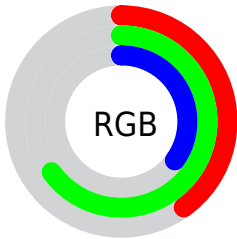
Format	Color
RYB	89, 167, 153
Decimal	6793049
CIELab	62.71, -35.97, 33.90
CIELCh	63, 49.428, 136.701
Yxy	31.2423, 0.3175, 0.4676
Android (android.graphics.Color)	4284983129 (0xFF67A759)
YUV	138.9720, -24.6362, -31.5474
Hunter-Lab	55.8948, -30.0645, 23.8905

Details

The Hex color **67A759** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9959A7**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **9DDF8C**, and **327229** is the 20% darker color. If you saturate the color by 10%, you get **59A748**, and if you desaturate by 10%, it is **75A76A**.

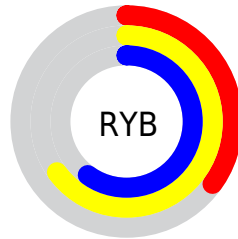
Distribution



Red (40%)

Green (65%)

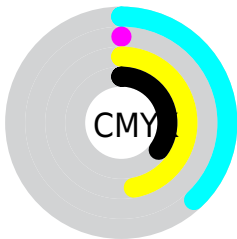
Blue (35%)



Red (35%)

Yellow (65%)

Blue (60%)

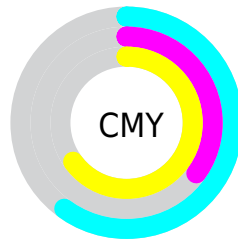


Cyan (38%)

Magenta (0%)

Yellow (47%)

Black (35%)



Cyan (60%)

Magenta (35%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67A759 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 67A759 by changing the saturation by 10% instead.

 67A759

 67A759

FFFFFF

 4D8C41

 9DDF8C

 327229

 B9FBA7

 155910

 D5FFC3

 004100

 F2FFDF

 002B00

 FFFFFC

 001100

 000000

 67A759

 67A759

 59A748

 75A76A

 4CA738

 82A77A

 3EA727

 90A78B

 30A716

 9EA79C

 22A705

 ACA7AC

 1EA700

 B9A7BD

 C7A7CE

 D5A7DF

 E2A7EF

Harmonies

Analogous

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



999D3F



67A759



00AC82

Triad

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



67A759



00A2ED



EA7381

Complementary

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



67A759



9959A7

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.



DF74AD



67A759



7994EC

Square

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



67A759



00ABD7



BA82D4



DE7E59

Rectangle

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



67A759



00AEA1



BA82D4



E9728F

Sweetspot

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



67A759



C0D9BA



A79959



5E6E5B



EDEDED



6E6E6E

Same Dimension

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



67A759



75D95F



59A772



4D544C



1B9400



041400

Inverse Universe

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



9959A7



C35FD9



A7598E



534C54



790094



110014

Previews

White Background



This preview shows how the Hex color 67A759 looks on a white background.

Color Contrast Check

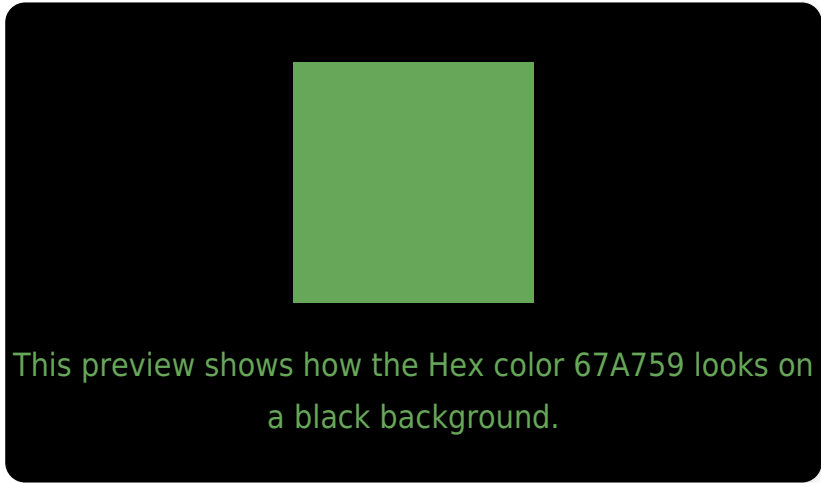
Large Text (above 18pt) WCAG AA × Fail

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 67A759 Background



This preview shows how black text looks on a background with the Hex color 67A759.



This preview shows how white text looks on a background with the Hex color 67A759.

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



Original Color
67A759



Protanomaly
8F9D55



Deuteranomaly
99985D



Tritanomaly
71A18D

Monochromacy



Original Color
67A759



Achromatopsia
8B8B8B



Achromatomaly
7E9579

CSS Examples

Text

The CSS property to change the color of the text to Hex 67A759 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 #67A759 looks like.

```
.text, #text, p{  
    color:#67A759  
}
```

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 #67A759 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67A759
}
```

Border

The CSS property to change the border of an element to Hex 67A759 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
#67A759 }
```

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

```
.border{ border-color:#67A759 }
```

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

Here you see how a box with a 4 pixel #67A759 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67A759; -webkit-box-shadow:4px 4px  
4px 4px #67A759; box-shadow:4px 4px 4px  
4px #67A759 }
```

Background

The CSS property to change the background color of an element to Hex 67A759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67A759 }
```

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

```
.background{ background-color:#67A759 }
```

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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