

Converting Colors

Hex(67A048)

Have a look what the booklet for
Hex(67A048) contains.

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Color

Hex(67A048)

Conversions

Conversions Part 1

Format	Color
Hex	67A048
RGB	103, 160, 72
RGB Percent	40%, 63%, 28%
CMY	0.5961, 0.3725, 0.7176
CMYK	0.36, 0.00, 0.55, 0.37
HSL	99°, 38%, 45%
HSV	99°, 55%, 63%
XYZ	19.3340, 28.4931, 10.6116
YIQ	132.9250, -5.7240, -39.4520

Conversions

Conversions Part 2

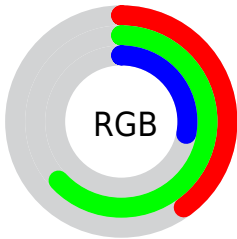
Format	Color
RYB	72, 160, 129
Decimal	6791240
CIELab	60.33, -34.96, 39.57
CIElCh	60, 52.799, 131.461
Yxy	28.4931, 0.3308, 0.4876
Android (android.graphics.Color)	4284981320 (0xFF67A048)
YUV	132.9250, -30.0360, -26.2442
Hunter-Lab	53.3789, -28.7597, 25.5785

Details

The Hex color **67A048** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8148A0**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **9DD77B**, and **326C16** is the 20% darker color. If you saturate the color by 10%, you get **5DA038**, and if you desaturate by 10%, it is **71A058**.

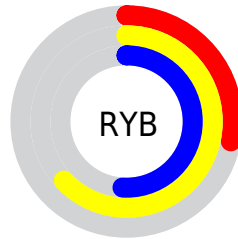
Distribution



Red (40%)

Green (63%)

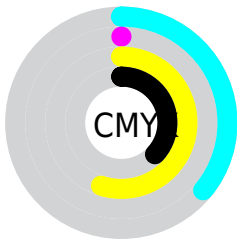
Blue (28%)



Red (28%)

Yellow (63%)

Blue (51%)

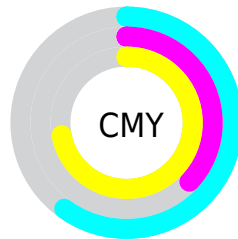


Cyan (36%)

Magenta (0%)

Yellow (55%)

Black (37%)



Cyan (60%)

Magenta (37%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67A048 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 67A048 by changing the saturation by 10% instead.

 67A048

 67A048

FFFFFF

 4D862F

 9DD77B

 326C16

 B9F495

 165300

 D5FFB1

 003B00

 F2FFCD

 002600

 FFFFE9

 000200

 000000

 67A048

 67A048

 5DA038

 71A058

 52A028

 7CA068

 48A018

 86A078

 3EA008

 90A088

 38A000

 9BA098

 A5A0A8

 B0A0B8

 BAA0C8

 C4A0D8

Harmonies

Analogous

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



9A952F



67A048



00A672

Triad

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



67A048



009EE9



E76881

Complementary

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



67A048



8148A0

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.



D76DB0



67A048



5C90ED

Square

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



67A048



00A6CE



AB7ED8



DF7356

Rectangle

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



67A048



00A892



AB7ED8



E56791

Sweetspot

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



67A048



BAD1AE



A08048



5B6954



E8E8E8



696969

Same Dimension

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



67A048



78D147



48A054



4A4F47



328F00



050F00

Inverse Universe

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



8148A0



A047D1



A04894



4C474F



5C008F



0A000F

Previews

White Background



This preview shows how the Hex color 67A048 looks on a white background.

Color Contrast Check

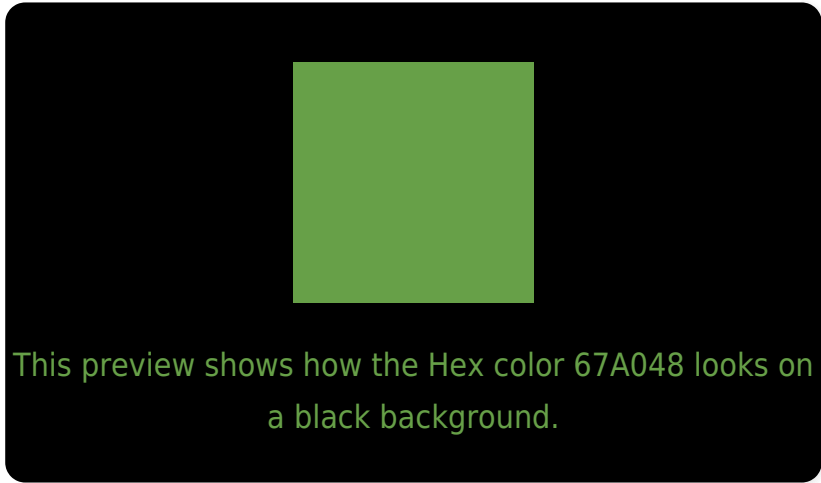
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 67A048 Background



This preview shows how black text looks on a background with the Hex color 67A048.



This preview shows how white text looks on a background with the Hex color 67A048.

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
67A048

Protanopia
A19143

Deuteranopia
B18A4E



Tritanopia
7596A2

Trichromacy



Original Color
67A048

Protanomaly
8C9645

Deuteranomaly
96924C

Tritanomaly
709A81

Monochromacy



Original Color
67A048

Achromatopsia
858585

Achromatomaly
7A8F6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 67A048 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 #67A048 looks like.

```
.text, #text, p{  
    color:#67A048  
}
```

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 #67A048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67A048
}
```

Border

The CSS property to change the border of an element to Hex 67A048 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
#67A048 }
```

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

```
.border{ border-color:#67A048 }
```

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

Here you see how a box with a 4 pixel #67A048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67A048; -webkit-box-shadow:4px 4px  
4px 4px #67A048; box-shadow:4px 4px 4px  
4px #67A048 }
```

Background

The CSS property to change the background color of an element to Hex 67A048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67A048 }
```

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

```
.background{ background-color:#67A048 }
```

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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