

Converting Colors

Hex(67A740)

Have a look what the booklet for
Hex(67A740) contains.

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Color

Hex(67A740)

Conversions

Conversions Part 1

Format	Color
Hex	67A740
RGB	103, 167, 64
RGB Percent	40%, 65%, 25%
CMY	0.5961, 0.3451, 0.7490
CMYK	0.38, 0.00, 0.62, 0.35
HSL	97°, 45%, 45%
HSV	97°, 62%, 65%
XYZ	20.3376, 30.8912, 9.7412
YIQ	136.1220, -5.0810, -45.6010

Conversions

Conversions Part 2

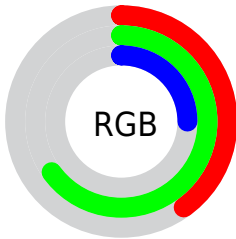
Format	Color
RYB	64, 167, 128
Decimal	6793024
CIELab	62.42, -38.94, 45.75
CIELCh	62, 60.077, 130.402
Yxy	30.8912, 0.3336, 0.5067
Android (android.graphics.Color)	4284983104 (0xFF67A740)
YUV	136.1220, -35.5561, -29.0480
Hunter-Lab	55.5798, -31.9483, 28.5144

Details

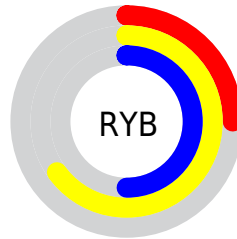
The Hex color **67A740** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8040A7**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **9EDF74**, and **307206** is the 20% darker color. If you saturate the color by 10%, you get **5DA72F**, and if you desaturate by 10%, it is **71A751**.

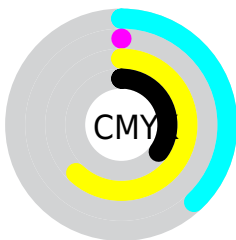
Distribution



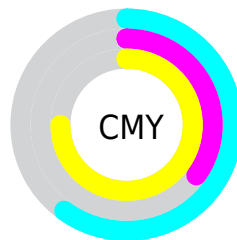
- Red (40%)
- Green (65%)
- Blue (25%)



- Red (25%)
- Yellow (65%)
- Blue (50%)



- Cyan (38%)
- Magenta (0%)
- Yellow (62%)
- Black (35%)



- Cyan (60%)
- Magenta (35%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67A740 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 67A740 by changing the saturation by 10% instead.

 67A740

 67A740

FFFFFF

 4C8C26

 9EDF74

 307206

 BAFB8E

 105900

 D7FFA9

 004100

 F4FFC5

 002B00

 FFFFE2

 001000

 000000

 67A740

 67A740

 5DA72F

 71A751

 52A71F

 7CA761

 48A70E

 86A772

 3FA700

 91A783

 9BA793

 A5A7A4

 B0A7B5

 BAA7C6

 C4A7D6

Harmonies

Analogous

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



A19A21



67A740



00AE71

Triad

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



67A740



00A6FB



F86586

Complementary

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



67A740



8040A7

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.



E56BBC



67A740



4D97FF

Square

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



67A740



00AEDB



B281E9



EE7254

Rectangle

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



67A740



00B096



B281E9



F56498

Sweetspot

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



67A740



BFD9B0



A78040



5E6E54



EDEDED



6E6E6E

Same Dimension

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



67A740



75D938



40A74C



4F544C



389400



081400

Inverse Universe

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



8040A7



9C38D9



A7409B



514C54



5C0094



0D0014

Previews

White Background



This preview shows how the Hex color 67A740 looks on a white background.

Color Contrast Check

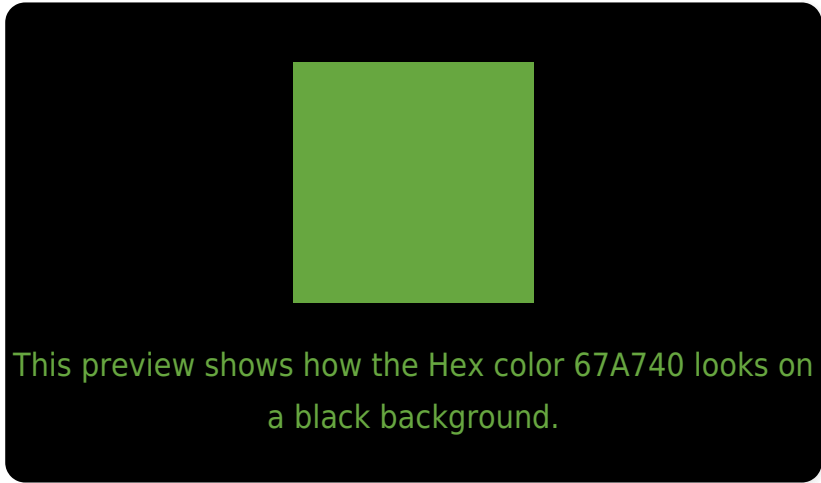
Large Text (above 18pt) WCAG AA × Fail

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

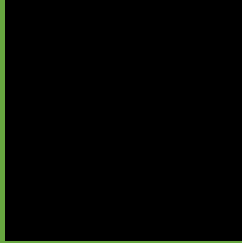
Any Text WCAG AA ✓ Pass

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 67A740 Background



This preview shows how black text looks on a background with the Hex color 67A740.

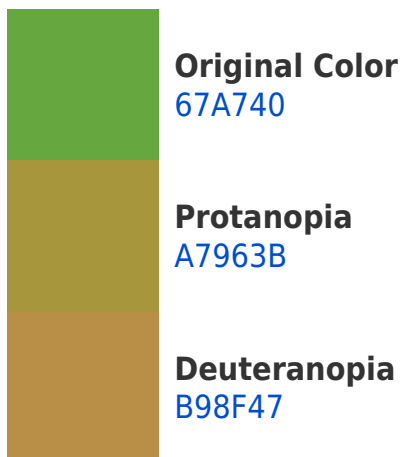


This preview shows how white text looks on a background with the Hex color 67A740.

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
789CA9

Trichromacy



Original Color
67A740

Protanomaly
909C3D

Deuteranomaly
9B9844

Tritanomaly
72A083

Monochromacy



Original Color
67A740

Achromatopsia
888888

Achromatomaly
7C936E

CSS Examples

Text

The CSS property to change the color of the text to Hex 67A740 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 #67A740 looks like.

```
.text, #text, p{  
    color:#67A740  
}
```

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 #67A740 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67A740
}
```

Border

The CSS property to change the border of an element to Hex 67A740 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
#67A740 }
```

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

```
.border{ border-color:#67A740 }
```

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

Here you see how a box with a 4 pixel #67A740 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67A740; -webkit-box-shadow:4px 4px  
4px 4px #67A740; box-shadow:4px 4px 4px  
4px #67A740 }
```

Background

The CSS property to change the background color of an element to Hex 67A740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67A740 }
```

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

```
.background{ background-color:#67A740 }
```

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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