

Converting Colors

Hex(68A770)

Have a look what the booklet for
Hex(68A770) contains.

Hex(68A770)	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(68A770)

Conversions

Conversions Part 1

Format	Color
Hex	68A770
RGB	104, 167, 112
RGB Percent	41%, 65%, 44%
CMY	0.5922, 0.3451, 0.5608
CMYK	0.38, 0.00, 0.33, 0.35
HSL	128°, 26%, 53%
HSV	128°, 38%, 65%
XYZ	22.4523, 31.7503, 20.2743
YIQ	141.8930, -19.8930, -30.4610

Conversions

Conversions Part 2

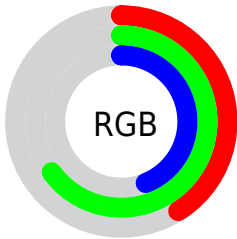
Format	Color
RYB	104, 160, 167
Decimal	6858608
CIELab	63.14, -32.02, 22.23
CIElCh	63, 38.982, 145.223
Yxy	31.7503, 0.3015, 0.4263
Android (android.graphics.Color)	4285048688 (0xFF68A770)
YUV	141.8930, -14.7372, -33.2322
Hunter-Lab	56.3474, -27.4827, 18.1101

Details

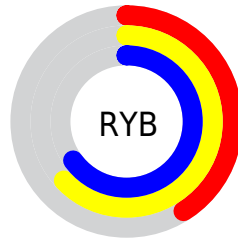
The Hex color **68A770** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A7689F**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **9DDFA4**, and **347240** is the 20% darker color. If you saturate the color by 10%, you get **57A761**, and if you desaturate by 10%, it is **79A77F**.

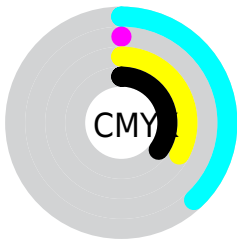
Distribution



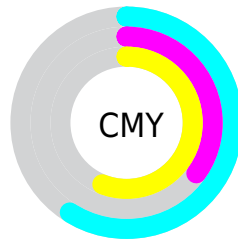
- Red (41%)
- Green (65%)
- Blue (44%)



- Red (41%)
- Yellow (63%)
- Blue (65%)



- Cyan (38%)
- Magenta (0%)
- Yellow (33%)
- Black (35%)



- Cyan (59%)
- Magenta (35%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68A770 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 68A770 by changing the saturation by 10% instead.

 68A770

 68A770

FFFFFF

 4E8C57

 9DDFA4

 347240

 B9FBBF

 195A29

 D5FFDB

 004213

 F2FFF8

 002B00

 001300

 000000

 68A770

 68A770

 57A761

 79A77F

 47A753

 89A78D

 36A744

 9AA79C

 25A736

 ABA7AA

 14A727

 BBA7B9

 04A719

 CCA7C7

 00A715

 DDA7D6

 EEA7E5

 FEA7F3

Harmonies

Analogous

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



91A058



68A770



32AB92

Triad

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



68A770



589EDD



DB7F7D

Complementary

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



68A770



A7689F

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.



D77EA0



68A770



9492D7

Square

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



68A770



00A6D1



BF85C1



CE8961

Rectangle

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



68A770



00ABAA



BF85C1



DC7D88

Sweetspot

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



68A770



C1D9C4



A0A768



5F6E61



EDEDED



6E6E6E

Same Dimension

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



68A770



77D984



68A78F



4C544D



009413



001403

Inverse Universe

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



A7689F



D977CC



A76880



544C53



940081



140012

Previews

White Background



This preview shows how the Hex color 68A770 looks on a white background.

Color Contrast Check

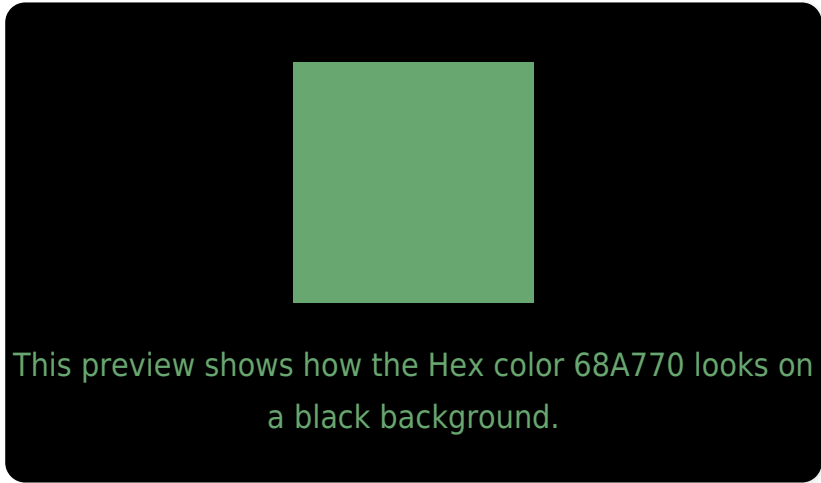
Large Text (above 18pt) WCAG AA × Fail

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

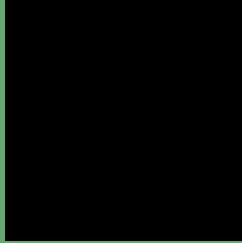
Any Text WCAG AA ✓ Pass

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 68A770 Background



This preview shows how black text looks on a background with the Hex color 68A770.



This preview shows how white text looks on a background with the Hex color 68A770.

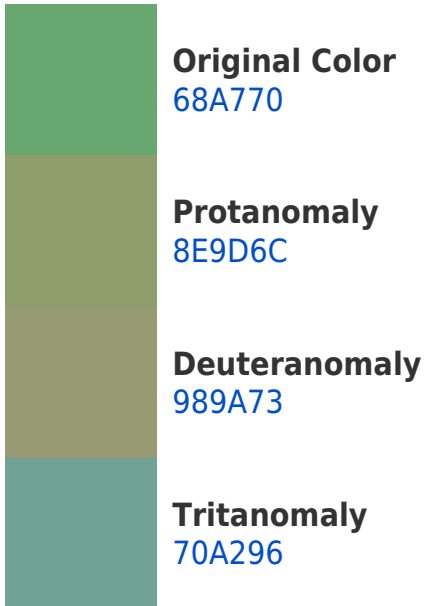
Color Blindness Simulation

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](#).

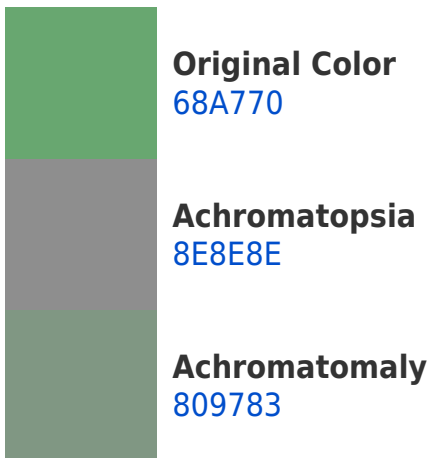
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68A770 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 #68A770 looks like.

```
.text, #text, p{  
    color:#68A770  
}
```

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 #68A770 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68A770
}
```

Border

The CSS property to change the border of an element to Hex 68A770 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
#68A770 }
```

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

```
.border{ border-color:#68A770 }
```

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

Here you see how a box with a 4 pixel #68A770 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68A770; -webkit-box-shadow:4px 4px  
4px 4px #68A770; box-shadow:4px 4px 4px  
4px #68A770 }
```

Background

The CSS property to change the background color of an element to Hex 68A770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68A770 }
```

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

```
.background{ background-color:#68A770 }
```

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