

# Converting Colors

Hex(68A36C)

Have a look what the booklet for  
Hex(68A36C) contains.

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# Color

**Hex(68A36C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68A36C
RGB	104, 163, 108
RGB Percent	41%, 64%, 42%
CMY	0.5922, 0.3608, 0.5765
CMYK	0.36, 0.00, 0.34, 0.36
HSL	124°, 24%, 52%
HSV	124°, 36%, 64%
XYZ	21.5129, 30.2202, 18.8866
YIQ	139.0890, -17.5090, -29.6130

# Conversions

## Conversions Part 2

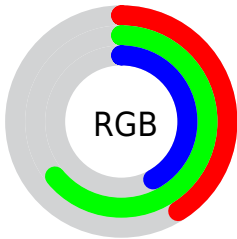
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">104, 159, 163</a>
Decimal	<a href="#">6857580</a>
CIELab	<a href="#">61.84, -30.82, 22.67</a>
CIELCh	<a href="#">62, 38.263, 143.659</a>
Yxy	<a href="#">30.2202, 0.3046, 0.4279</a>
Android (android.graphics.Color)	<a href="#">4285047660 (0xFF68A36C)</a>
YUV	<a href="#">139.0890, -15.3269, -30.7731</a>
Hunter-Lab	<a href="#">54.9729, -26.3489, 18.1112</a>

# Details

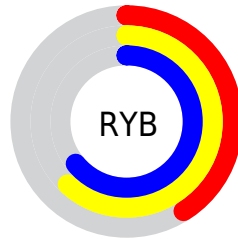
The Hex color **68A36C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A3689F**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **9DDAA0**, and **356F3C** is the 20% darker color. If you saturate the color by 10%, you get **58A35D**, and if you desaturate by 10%, it is **78A37B**.

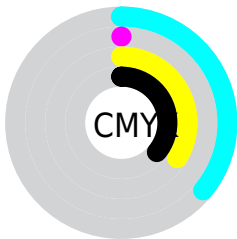
# Distribution



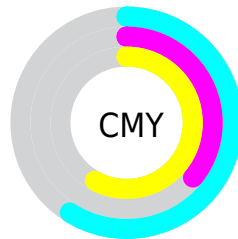
- Red (41%)
- Green (64%)
- Blue (42%)



- Red (41%)
- Yellow (62%)
- Blue (64%)



- Cyan (36%)
- Magenta (0%)
- Yellow (34%)
- Black (36%)



- Cyan (59%)
- Magenta (36%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68A36C 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 68A36C by changing the saturation by 10% instead.





68A36C



68A36C

FFFFFF



4E8853



9DDAA0



356F3C



B9F7BB



1A5625



D5FFD7



003E10



F2FFF3



002800



000C00



000000



68A36C



68A36C



58A35D



78A37B

■ 47A34E

■ 89A38A

■ 37A33E

■ 99A39A

■ 27A32F

■ A9A3A9

■ 16A320

■ BAA3B8

■ 06A311

■ CAA3C7

■ 00A30B

■ DAA3D6

■ EAA3E6

■ FBA3F5

# Harmonies

## Analogous

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



909C56



68A36C



35A78D

# Triad

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



68A36C



529BD8



D67C7C

# Complementary

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



68A36C



A3689F

# 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.



D17B9E



68A36C



8E8FD3

# Square

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



68A36C



00A3CB



B983BE



CA8560

# Rectangle

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



68A36C



00A7A4



B983BE



D77B87



# Sweetspot

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



68A36C



BCD4BE



9FA368



5D6B5E



EBEBEB



6B6B6B



# Same Dimension

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



68A36C



79D47F



68A389



49524A



00910A



001201



# Inverse Universe

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



A3689F



D479CD



A36882



524951



910087



120011



# Previews

## White Background



This preview shows how the Hex color 68A36C looks on a white background.

## Color Contrast Check

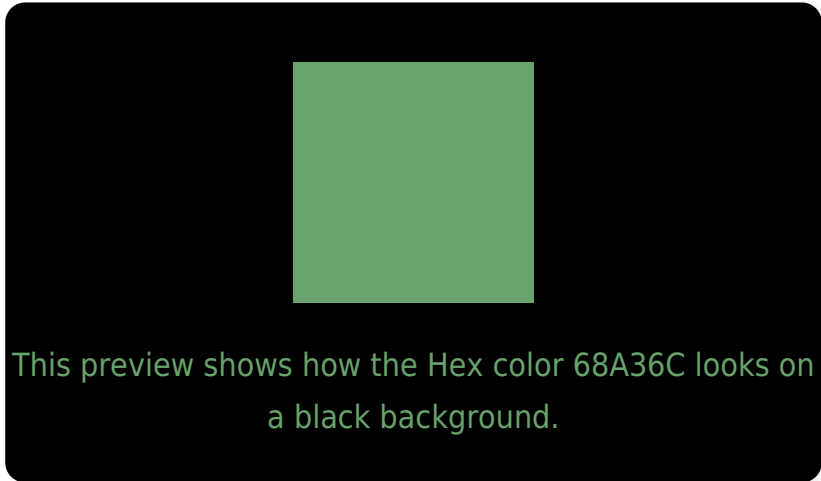
Large Text (above 18pt) WCAG AA × Fail

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

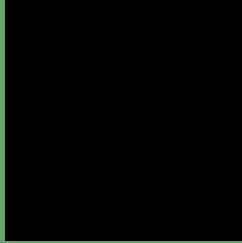
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 68A36C Background



This preview shows how black text looks on a background with the Hex color 68A36C.

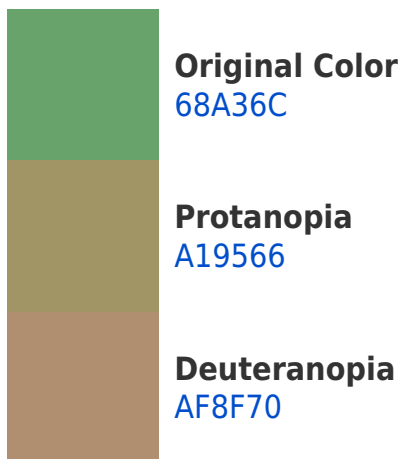


This preview shows how white text looks on a background with the Hex color 68A36C.

# 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](#).

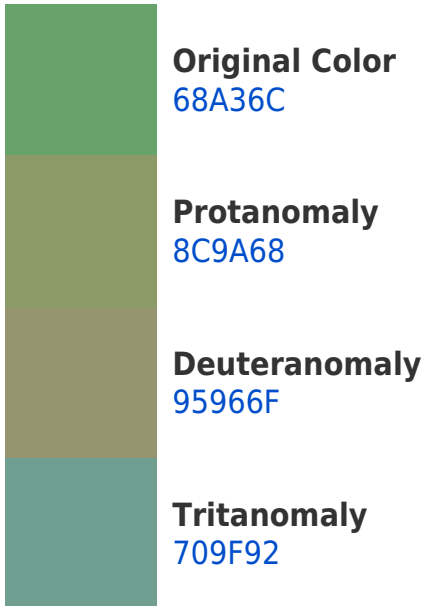
## Dichromacy





**Tritanopia**  
749CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68A36C 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 #68A36C looks like.

```
.text, #text, p{  
    color:#68A36C  
}
```

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 #68A36C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68A36C
}
```

## Border

The CSS property to change the border of an element to Hex 68A36C 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
#68A36C }
```

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

```
.border{ border-color:#68A36C }
```

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

Here you see how a box with a 4 pixel #68A36C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68A36C; -webkit-box-shadow:4px 4px  
4px 4px #68A36C; box-shadow:4px 4px 4px  
4px #68A36C }
```

# Background

The CSS property to change the background color of an element to Hex 68A36C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68A36C }
```

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

```
.background{ background-color:#68A36C }
```

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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