

Converting Colors

Hex(68AF6C)

Have a look what the booklet for
Hex(68AF6C) contains.

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Color

Hex(68AF6C)

Conversions

Conversions Part 1

Format	Color
Hex	68AF6C
RGB	104, 175, 108
RGB Percent	41%, 69%, 42%
CMY	0.5922, 0.3137, 0.5765
CMYK	0.41, 0.00, 0.38, 0.31
HSL	123°, 31%, 55%
HSV	123°, 41%, 69%
XYZ	23.7457, 34.6857, 19.6308
YIQ	146.1330, -20.8090, -35.8890

Conversions

Conversions Part 2

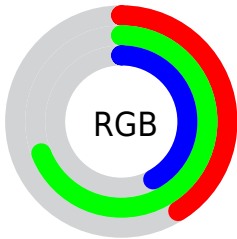
Format	Color
RYB	104, 171, 175
Decimal	6860652
CIELab	65.50, -36.40, 27.54
CIELCh	66, 45.641, 142.890
Yxy	34.6857, 0.3042, 0.4443
Android (android.graphics.Color)	4285050732 (0xFF68AF6C)
YUV	146.1330, -18.7996, -36.9506
Hunter-Lab	58.8946, -31.0962, 21.4636

Details

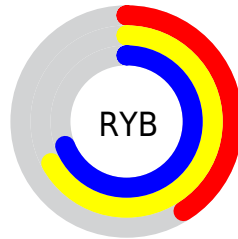
The Hex color **68AF6C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AF68AB**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **9EE7A0**, and **337A3B** is the 20% darker color. If you saturate the color by 10%, you get **56AF5B**, and if you desaturate by 10%, it is **79AF7D**.

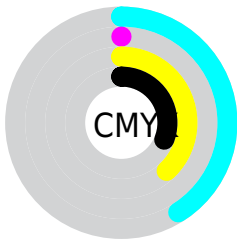
Distribution



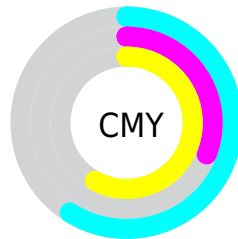
- Red (41%)
- Green (69%)
- Blue (42%)



- Red (41%)
- Yellow (67%)
- Blue (69%)



- Cyan (41%)
- Magenta (0%)
- Yellow (38%)
- Black (31%)



- Cyan (59%)
- Magenta (31%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68AF6C 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 68AF6C by changing the saturation by 10% instead.



68AF6C



68AF6C

FFFFFF



4E9453



9EE7A0



337A3B



BAFFBB



156124



D7FFD7



00480D



F4FFF4



003100



001C00



000000



68AF6C



68AF6C



56AF5B



79AF7D

 45AF4B

 8BAF8D

 33AF3A

 9CAF9E

 22AF2A

 AEAFAE

 10AF19

 C0AFBF

 00AF0A

 D1AFCF

 E3AFE0

 F4AFF0

 FFAFFF

Harmonies

Analogous

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



99A651



68AF6C



13B394

Triad

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



68AF6C



3FA6F0



EC7F81

Complementary

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



68AF6C



AF68AB

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.



E67EAB



68AF6C



9398EA

Square

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



68AF6C



00B0DF



C88D1



DE8B5F

Rectangle

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



68AF6C



00B4B0



C888D1



ED7D8F

Sweetspot

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



68AF6C



C8E3C9



ABAF68



637364



F2F2F2



737373

Same Dimension

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



68AF6C



74E37A



68AF8F



4E574F



009608



001701

Inverse Universe

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



AF68AB



E374DD



AF6888



574E56



96008E



170016

Previews

White Background



This preview shows how the Hex color 68AF6C looks on a white background.

Color Contrast Check

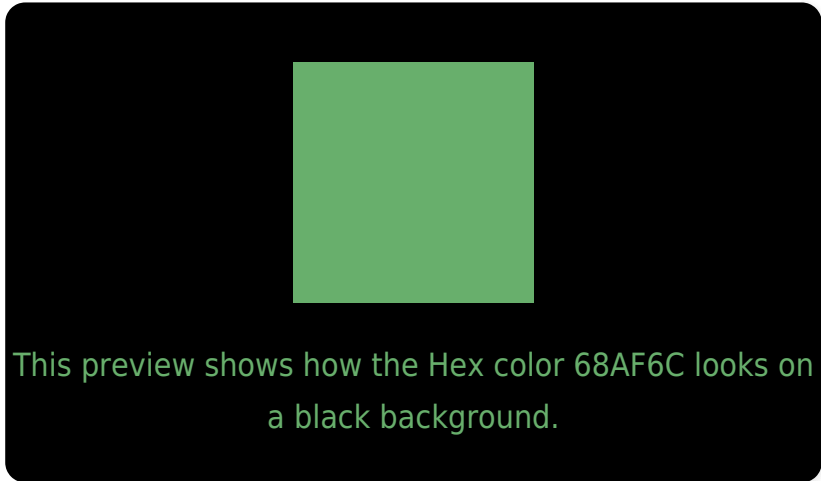
Large Text (above 18pt) WCAG AA × Fail

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 68AF6C Background



This preview shows how black text looks on a background with the Hex color 68AF6C.



This preview shows how white text looks on a background with the Hex color 68AF6C.

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
68AF6C

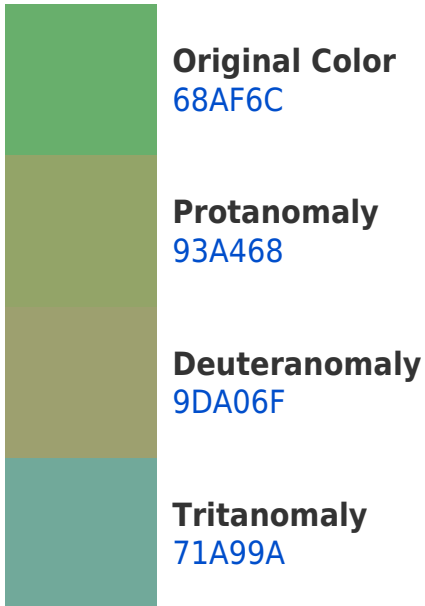
Protanopia
AC9E65

Deuteranopia
BC9871

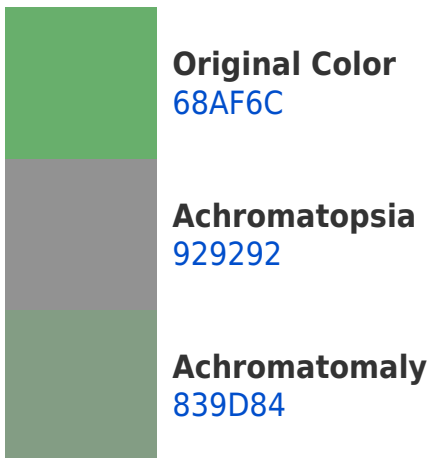


Tritanopia
76A6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68AF6C 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 #68AF6C looks like.

```
.text, #text, p{  
    color:#68AF6C  
}
```

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 #68AF6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68AF6C
}
```

Border

The CSS property to change the border of an element to Hex 68AF6C 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
#68AF6C }
```

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

```
.border{ border-color:#68AF6C }
```

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

Here you see how a box with a 4 pixel #68AF6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68AF6C; -webkit-box-shadow:4px 4px  
4px 4px #68AF6C; box-shadow:4px 4px 4px  
4px #68AF6C }
```

Background

The CSS property to change the background color of an element to Hex 68AF6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68AF6C }
```

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

```
.background{ background-color:#68AF6C }
```

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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