

Converting Colors

Hex(68CF6E)

Have a look what the booklet for
Hex(68CF6E) contains.

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Color

Hex(68CF6E)

Conversions

Conversions Part 1

Format	Color
Hex	68CF6E
RGB	104, 207, 110
RGB Percent	41%, 81%, 43%
CMY	0.5922, 0.1882, 0.5686
CMYK	0.50, 0.00, 0.47, 0.19
HSL	123°, 52%, 61%
HSV	123°, 50%, 81%
XYZ	30.8362, 48.6945, 22.5256
YIQ	165.1450, -30.2510, -52.0030

Conversions

Conversions Part 2

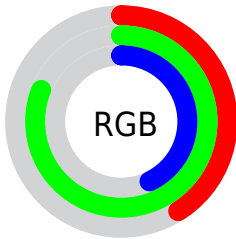
Format	Color
RYB	104, 201, 207
Decimal	6868846
CIELab	75.26, -49.80, 39.06
CIELCh	75, 63.290, 141.891
Yxy	48.6945, 0.3021, 0.4771
Android (android.graphics.Color)	4285058926 (0xFF68CF6E)
YUV	165.1450, -27.1865, -53.6242
Hunter-Lab	69.7814, -43.2389, 29.7081

Details

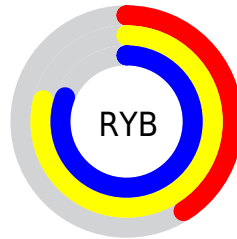
The Hex color **68CF6E** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **CF68C9**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A1FFA3**, and **2B983C** is the 20% darker color. If you saturate the color by 10%, you get **53CF5B**, and if you desaturate by 10%, it is **7DCF81**.

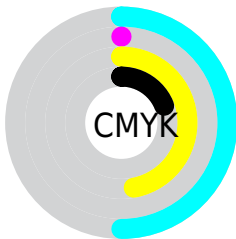
Distribution



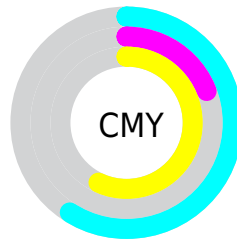
- Red (41%)
- Green (81%)
- Blue (43%)



- Red (41%)
- Yellow (79%)
- Blue (81%)



- Cyan (50%)
- Magenta (0%)
- Yellow (47%)
- Black (19%)



- Cyan (59%)
- Magenta (19%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68CF6E 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 68CF6E by changing the saturation by 10% instead.



68CF6E



68CF6E

FFFFFF



4BB355



A1FFA3



2B983C



BEFFBF



007D23



DCFFDB



006306



F9FFF8



004A00



003300



001B00



000000



68CF6E



68CF6E

 53CF5B

 7DCF81

 3FCF47

 91CF95

 2ACF34

 A6CFA8

 15CF20

 BBCFBC

 01CF0D

 D0CFCF

 00CF0C

 E4CFE3

 F9CFF6

 FFCFFF

Harmonies

Analogous

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



B0C345



68CF6E



00D5A7

Triad

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



68CF6E



00C4FF



FF8891

Complementary

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



68CF6E



CF68C9

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.



FF87CC



68CF6E



A0B0FF

Square

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



68CF6E



00D1FF



F198FF



FF9A5F

Rectangle

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



68CF6E



00D6D0



F198FF



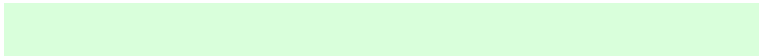
FF85A4

Sweetspot

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



68CF6E



D9FFDB



CACF68



69806A



000000



808080

Same Dimension

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



68CF6E



66FF6F



68CFA1



5E695F



00A80A



002902

Inverse Universe

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



CF68C9



FF66F6



CF6896



695E68



A8009E



290026

Previews

White Background



This preview shows how the Hex color 68CF6E looks on a white background.

Color Contrast Check

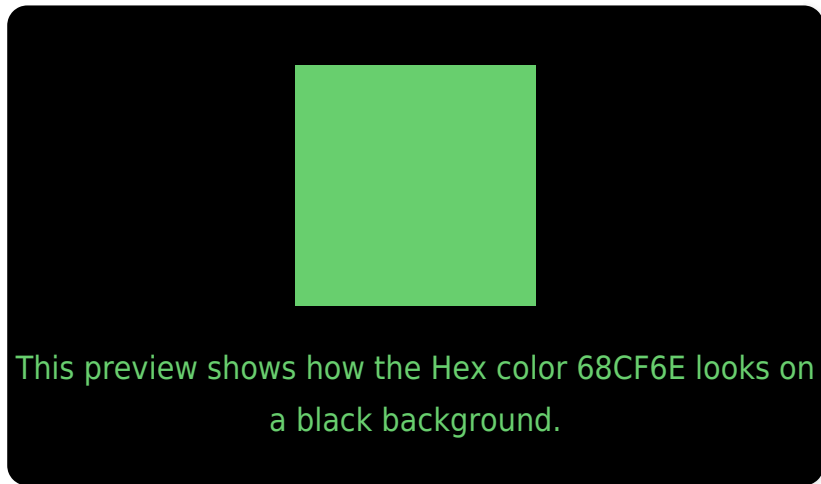
Large Text (above 18pt) WCAG AA × Fail

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 68CF6E Background



This preview shows how black text looks on a background with the Hex color 68CF6E.

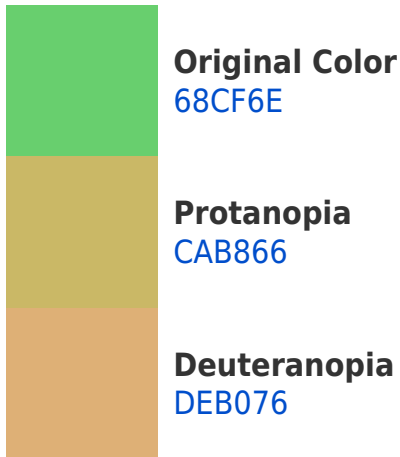


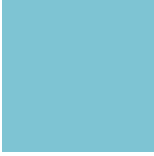
This preview shows how white text looks on a background with the Hex color 68CF6E.

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
7EC4D3

Trichromacy



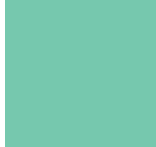
Original Color
68CF6E



Protanomaly
A6C069



Deuteranomaly
B3BB73



Tritanomaly
76C8AE

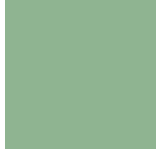
Monochromacy



Original Color
68CF6E



Achromatopsia
A5A5A5



Achromatomaly
8FB491

CSS Examples

Text

The CSS property to change the color of the text to Hex 68CF6E 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 #68CF6E looks like.

```
.text, #text, p{  
    color:#68CF6E  
}
```

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 #68CF6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68CF6E
}
```

Border

The CSS property to change the border of an element to Hex 68CF6E 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
#68CF6E }
```

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

```
.border{ border-color:#68CF6E }
```

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

Here you see how a box with a 4 pixel #68CF6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68CF6E; -webkit-box-shadow:4px 4px  
4px 4px #68CF6E; box-shadow:4px 4px 4px  
4px #68CF6E }
```

Background

The CSS property to change the background color of an element to Hex 68CF6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68CF6E }
```

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

```
.background{ background-color:#68CF6E }
```

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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