

Converting Colors

Hex(68C85E)

Have a look what the booklet for
Hex(68C85E) contains.

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Color

Hex(68C85E)

Conversions

Conversions Part 1

Format	Color
Hex	68C85E
RGB	104, 200, 94
RGB Percent	41%, 78%, 37%
CMY	0.5922, 0.2157, 0.6314
CMYK	0.48, 0.00, 0.53, 0.22
HSL	114°, 49%, 58%
HSV	114°, 53%, 78%
XYZ	28.3836, 45.0598, 17.7911
YIQ	159.2120, -23.1900, -53.3180

Conversions

Conversions Part 2

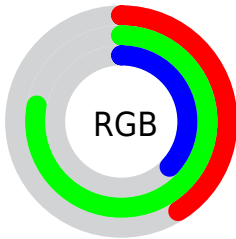
Format	Color
RYB	94, 200, 190
Decimal	6867038
CIELab	72.93, -49.12, 43.99
CIELCh	73, 65.938, 138.153
Yxy	45.0598, 0.3111, 0.4939
Android (android.graphics.Color)	4285057118 (0xFF68C85E)
YUV	159.2120, -32.1495, -48.4209
Hunter-Lab	67.1266, -41.9951, 31.2745

Details

The Hex color **68C85E** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **BE5EC8**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **A1FF93**, and **2C912B** is the 20% darker color. If you saturate the color by 10%, you get **56C84A**, and if you desaturate by 10%, it is **7AC872**.

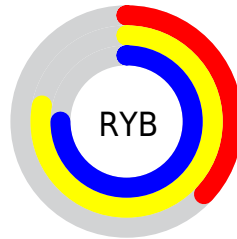
Distribution



Red (41%)

Green (78%)

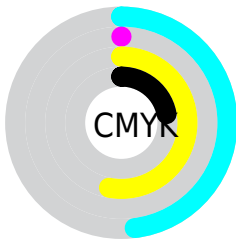
Blue (37%)



Red (37%)

Yellow (78%)

Blue (75%)

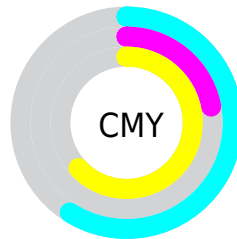


Cyan (48%)

Magenta (0%)

Yellow (53%)

Black (22%)



Cyan (59%)

Magenta (22%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68C85E 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 68C85E by changing the saturation by 10% instead.

 68C85E

 68C85E

FFFFFF

 4BAC44

 A1FF93

 2C912B

 BEFFAE

 00770E

 DBFFCA

 005D00

 F9FFE7

 004400

 002E00

 001200

 000000

 68C85E

 68C85E

 56C84A

 7AC872

 44C836

 8CC886

 32C822

 9EC89A

 20C80E

 B0C8AE

 13C800

 C3C8C2

 D5C8D6

 E7C8EA

 F9C8FE

 FFC8FF

Harmonies

Analogous

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



B0BB35



68C85E



00CF98

Triad

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



68C85E



00C1FF



FF7D91

Complementary

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



68C85E



BE5EC8

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.



FF7ECE



68C85E



88ADFF

Square

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



68C85E



00CCFF



E493FF



FF8F5B

Rectangle

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



68C85E



00D0C2



E493FF



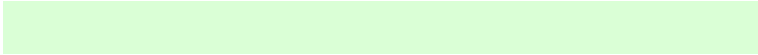
FF7BA5

Sweetspot

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



68C85E



DAFFD6



C8BD5E



6A8067



000000



808080

Same Dimension

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



68C85E



6BFF5C



5EC888



5A635A



0FA300



032400

Inverse Universe

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



BE5EC8



F05CFF



C85E9E



635A63



9400A3



200024

Previews

White Background



This preview shows how the Hex color 68C85E looks on a white background.

Color Contrast Check

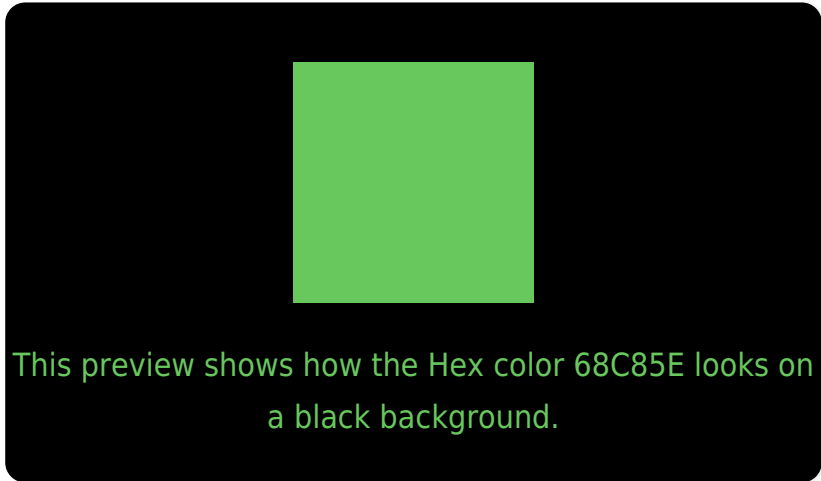
Large Text (above 18pt) WCAG AA × Fail

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

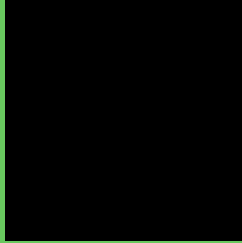
Any Text WCAG AA ✓ Pass

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 68C85E Background



This preview shows how black text looks on a background with the Hex color 68C85E.

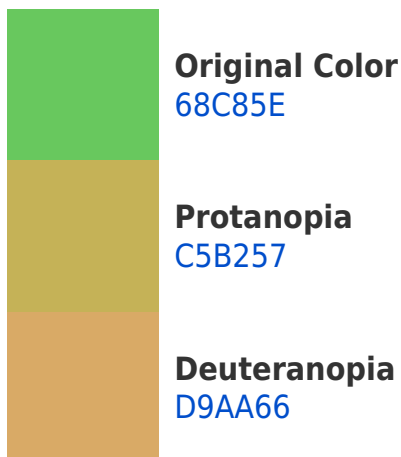


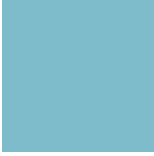
This preview shows how white text looks on a background with the Hex color 68C85E.

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
7EBCCB

Trichromacy



Original Color
68C85E



Protanomaly
A3BA5A



Deuteranomaly
B0B563



Tritanomaly
76C0A3

Monochromacy



Original Color
68C85E



Achromatopsia
9F9F9F



Achromatomaly
8BAE87

CSS Examples

Text

The CSS property to change the color of the text to Hex 68C85E 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 #68C85E looks like.

```
.text, #text, p{  
    color:#68C85E  
}
```

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 #68C85E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68C85E
}
```

Border

The CSS property to change the border of an element to Hex 68C85E 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
#68C85E }
```

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

```
.border{ border-color:#68C85E }
```

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

Here you see how a box with a 4 pixel #68C85E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68C85E; -webkit-box-shadow:4px 4px  
4px 4px #68C85E; box-shadow:4px 4px 4px  
4px #68C85E }
```

Background

The CSS property to change the background color of an element to Hex 68C85E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68C85E }
```

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

```
.background{ background-color:#68C85E }
```

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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