

Converting Colors

Hex(68CE37)

Have a look what the booklet for
Hex(68CE37) contains.

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Color

Hex(68CE37)

Conversions

Conversions Part 1

Format	Color
Hex	68CE37
RGB	104, 206, 55
RGB Percent	41%, 81%, 22%
CMY	0.5922, 0.1922, 0.7843
CMYK	0.50, 0.00, 0.73, 0.19
HSL	101°, 61%, 51%
HSV	101°, 73%, 81%
XYZ	28.4698, 47.3615, 11.2556
YIQ	158.2880, -12.3210, -68.5850

Conversions

Conversions Part 2

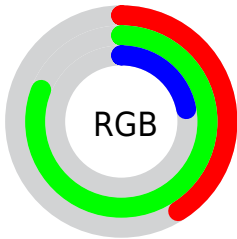
Format	Color
RYB	55, 206, 157
Decimal	6868535
CIELab	74.42, -55.20, 62.03
CIElCh	74, 83.037, 131.664
Yxy	47.3615, 0.3269, 0.5438
Android (android.graphics.Color)	4285058615 (0xFF68CE37)
YUV	158.2880, -50.9210, -47.6106
Hunter-Lab	68.8197, -46.5913, 38.4768

Details

The Hex color **68CE37** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **9D37CE**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A3FF6F**, and **269700** is the 20% darker color. If you saturate the color by 10%, you get **5ACE22**, and if you desaturate by 10%, it is **76CE4C**.

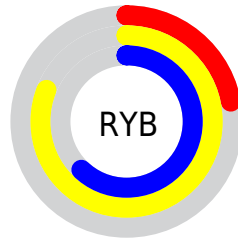
Distribution



Red (41%)

Green (81%)

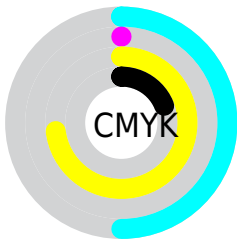
Blue (22%)



Red (22%)

Yellow (81%)

Blue (62%)

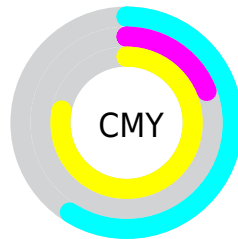


Cyan (50%)

Magenta (0%)

Yellow (73%)

Black (19%)



Cyan (59%)

Magenta (19%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68CE37 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 68CE37 by changing the saturation by 10% instead.



68CE37



68CE37

FFFFFF



49B214



A3FF6F



269700



C0FF8B



007C00



DEFFA7



006200



FDFFC3



004900



FFFFE0



003200

FFFFFFE



001800



000000



68CE37



68CE37

 5ACE22

 76CE4C

 4CCE0E

 84CE60

 43CE00

 92CE75

 A0CE89

 AECE9E

 BBCEB3

 C9CEC7

 D7CEDC

 E5CEF0

Harmonies

Analogous

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



BFBD00



68CE37



00D784

Triad

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



68CE37



00CFFF



FF669D

Complementary

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



68CE37



9D37CE

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.



FF71E9



68CE37



28B6FF

Square

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



68CE37



00D7FF



DF94FF



FF8054

Rectangle

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



68CE37



00DAB9



DF94FF



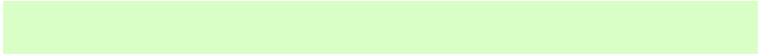
FF65B6

Sweetspot

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



68CE37



D9FFC7



CE9C37



69805E



000000



808080

Same Dimension

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



68CE37



67FF1F



37CE50



5F665C



36A600



0C2600

Inverse Universe

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



9D37CE



B61FFF



CE37B5



635C66



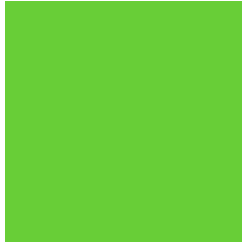
7000A6



1A0026

Previews

White Background



This preview shows how the Hex color 68CE37 looks on a white background.

Color Contrast Check

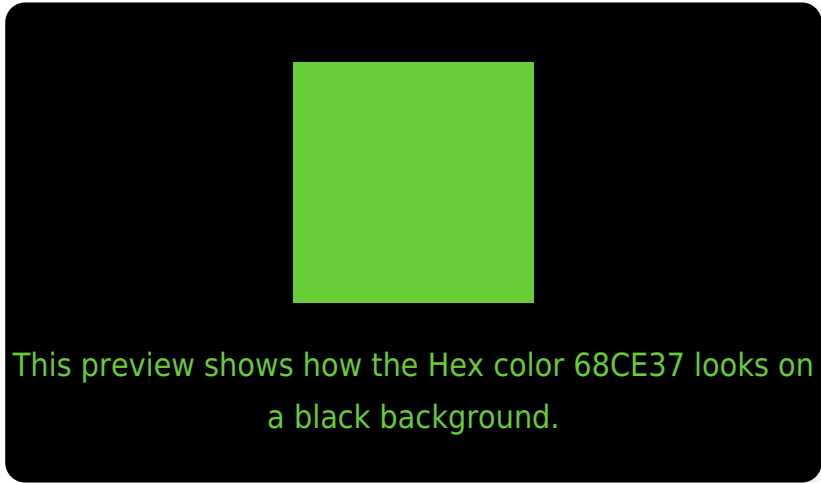
Large Text (above 18pt) WCAG AA × Fail

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 68CE37 Background



This preview shows how black text looks on a background with the Hex color 68CE37.

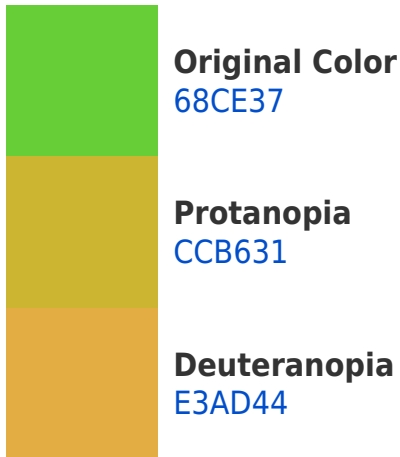


This preview shows how white text looks on a background with the Hex color 68CE37.

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](#).

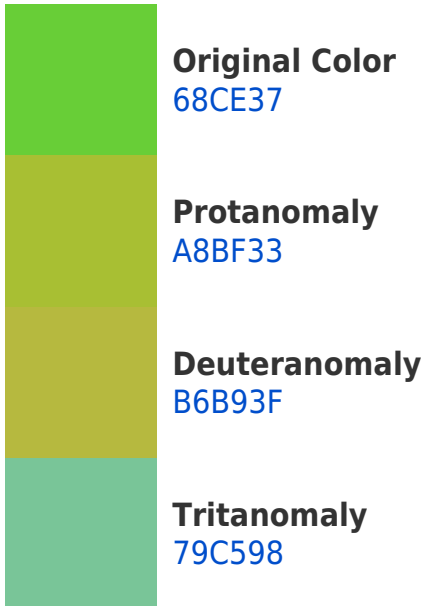
Dichromacy



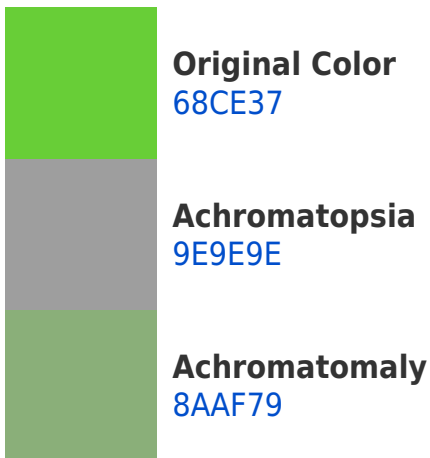


Tritanopia
82C0D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68CE37 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 #68CE37 looks like.

```
.text, #text, p{  
    color:#68CE37  
}
```

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 #68CE37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68CE37
}
```

Border

The CSS property to change the border of an element to Hex 68CE37 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
#68CE37 }
```

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

```
.border{ border-color:#68CE37 }
```

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

Here you see how a box with a 4 pixel #68CE37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68CE37; -webkit-box-shadow:4px 4px  
4px 4px #68CE37; box-shadow:4px 4px 4px  
4px #68CE37 }
```

Background

The CSS property to change the background color of an element to Hex 68CE37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68CE37 }
```

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

```
.background{ background-color:#68CE37 }
```

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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