

Converting Colors

Hex(68BF55)

Have a look what the booklet for
Hex(68BF55) contains.

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Color

Hex(68BF55)

Conversions

Conversions Part 1

Format	Color
Hex	68BF55
RGB	104, 191, 85
RGB Percent	41%, 75%, 33%
CMY	0.5922, 0.2510, 0.6667
CMYK	0.46, 0.00, 0.55, 0.25
HSL	109°, 45%, 54%
HSV	109°, 55%, 75%
XYZ	25.9794, 40.8605, 15.1119
YIQ	152.9030, -17.8260, -51.4100

Conversions

Conversions Part 2

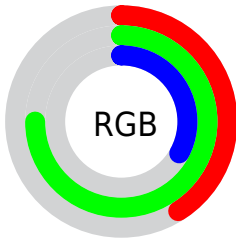
Format	Color
RYB	85, 191, 172
Decimal	6864725
CIELab	70.08, -46.54, 44.86
CIELCh	70, 64.639, 136.051
Yxy	40.8605, 0.3170, 0.4986
Android (android.graphics.Color)	4285054805 (0xFF68BF55)
YUV	152.9030, -33.4762, -42.8879
Hunter-Lab	63.9222, -39.3176, 30.7287

Details

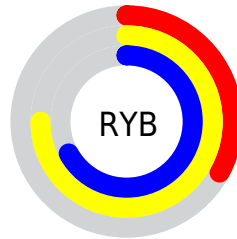
The Hex color **68BF55** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **AC55BF**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **A0F889**, and **2E8921** is the 20% darker color. If you saturate the color by 10%, you get **58BF42**, and if you desaturate by 10%, it is **78BF68**.

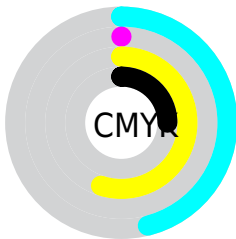
Distribution



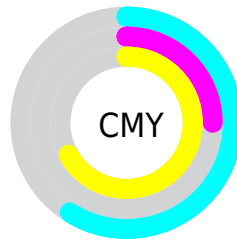
- Red (41%)
- Green (75%)
- Blue (33%)



- Red (33%)
- Yellow (75%)
- Blue (67%)



- Cyan (46%)
- Magenta (0%)
- Yellow (55%)
- Black (25%)



- Cyan (59%)
- Magenta (25%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68BF55 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 68BF55 by changing the saturation by 10% instead.

 68BF55

 68BF55

FFFFFF

 4CA33B

 A0F889

 2E8921

 BDFFA4

 006F00

 DAFFC0

 005500

 F8FFDD

 003D00

 FFFFFA

 002800

 000100

 000000

 68BF55

 68BF55

 58BF42

 78BF68

 49BF2F

 87BF7B

 39BF1C

 97BF8E

 29BF09

 A7BFA1

 22BF00

 B6BFB4

 C6BFC8

 D6BFDB

 E5BFEE

 F5BFFF

Harmonies

Analogous

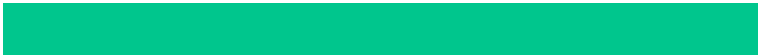
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ACB22E



68BF55



00C68D

Triad

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



68BF55



00BAFF



FF768E

Complementary

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



68BF55



AC55BF

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.



FF79C9



68BF55



78A7FF

Square

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



68BF55



00C4FF



D68EFD



FF8759

Rectangle

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



68BF55



00C8B6



D68EFD



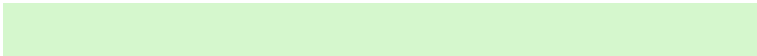
FF74A2

Sweetspot

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



68BF55



D5F7CD



BFAC55



687D64



FCFCFC



7D7D7D

Same Dimension

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



68BF55



6FF752



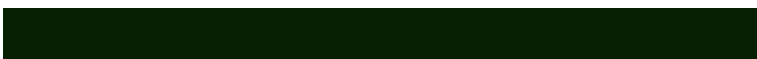
55BF77



575E55



1C9E00



051F00

Inverse Universe

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



AC55BF



DA52F7



BF559D



5D555E



82009E



19001F

Previews

White Background



This preview shows how the Hex color 68BF55 looks on a white background.

Color Contrast Check

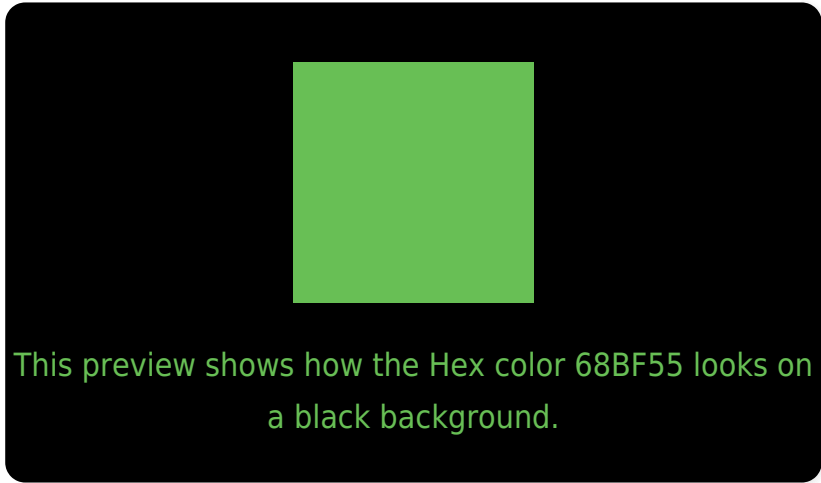
Large Text (above 18pt) WCAG AA × Fail

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

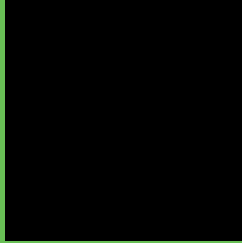
Any Text WCAG AA ✓ Pass

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 68BF55 Background



This preview shows how black text looks on a background with the Hex color 68BF55.



This preview shows how white text looks on a background with the Hex color 68BF55.

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](#).

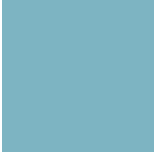
Dichromacy



Original Color
68BF55

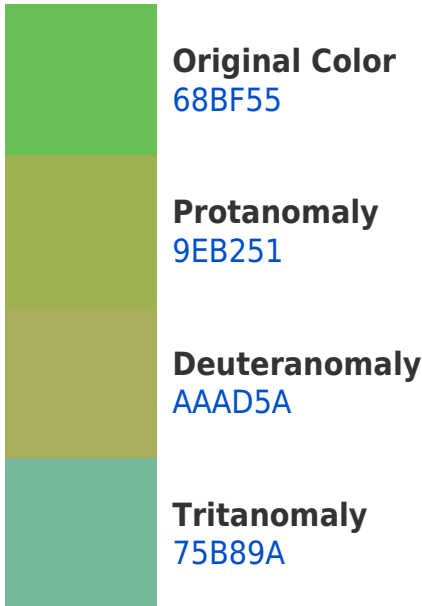
Protanopia
BDAA4E

Deuteranopia
D0A25D

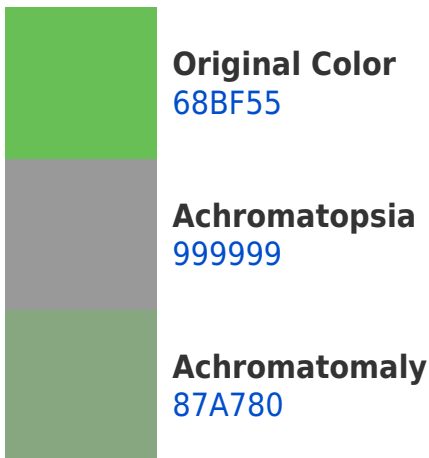


Tritanopia
7DB4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68BF55 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 #68BF55 looks like.

```
.text, #text, p{  
    color:#68BF55  
}
```

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 #68BF55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68BF55
}
```

Border

The CSS property to change the border of an element to Hex 68BF55 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
#68BF55 }
```

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

```
.border{ border-color:#68BF55 }
```

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

Here you see how a box with a 4 pixel #68BF55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68BF55; -webkit-box-shadow:4px 4px  
4px 4px #68BF55; box-shadow:4px 4px 4px  
4px #68BF55 }
```

Background

The CSS property to change the background color of an element to Hex 68BF55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68BF55 }
```

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

```
.background{ background-color:#68BF55 }
```

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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