

Converting Colors

Hex(68BE71)

Have a look what the booklet for
Hex(68BE71) contains.

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Color

Hex(68BE71)

Conversions

Conversions Part 1

Format	Color
Hex	68BE71
RGB	104, 190, 113
RGB Percent	41%, 75%, 44%
CMY	0.5922, 0.2549, 0.5569
CMYK	0.45, 0.00, 0.41, 0.25
HSL	126°, 40%, 58%
HSV	126°, 45%, 75%
XYZ	27.1030, 40.9622, 22.1008
YIQ	155.5080, -26.5390, -42.1790

Conversions

Conversions Part 2

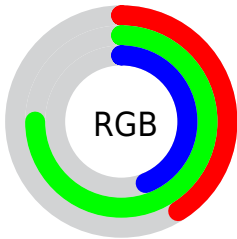
Format	Color
RYB	104, 182, 190
Decimal	6864497
CIELab	70.15, -42.23, 31.00
CIELCh	70, 52.386, 143.724
Yxy	40.9622, 0.3006, 0.4543
Android (android.graphics.Color)	4285054577 (0xFF68BE71)
YUV	155.5080, -20.9564, -45.1725
Hunter-Lab	64.0017, -36.4131, 24.3274

Details

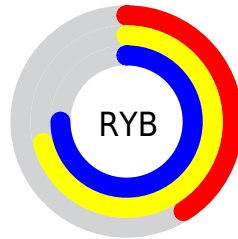
The Hex color **68BE71** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BE68B5**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **9FF7A6**, and **308840** is the 20% darker color. If you saturate the color by 10%, you get **55BE60**, and if you desaturate by 10%, it is **7BBE82**.

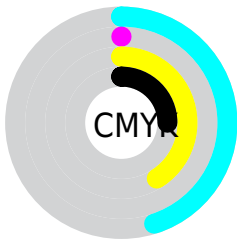
Distribution



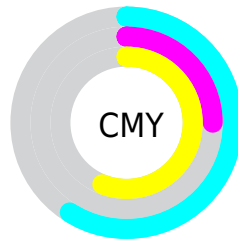
- Red (41%)
- Green (75%)
- Blue (44%)



- Red (41%)
- Yellow (71%)
- Blue (75%)



- Cyan (45%)
- Magenta (0%)
- Yellow (41%)
- Black (25%)



- Cyan (59%)
- Magenta (25%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68BE71 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 68BE71 by changing the saturation by 10% instead.

 68BE71

 68BE71

FFFFFF

 4CA358

 9FF7A6

 308840

 BCFFC1

 096E28

 D9FFDD

 005510

 F6FFFA

 003D00

 002800

 000100

 000000

 68BE71

 68BE71

■ 55BE60

■ 7BBE82

■ 42BE4F

■ 8EBE93

■ 2FBE3E

■ A1BEA4

■ 1CBE2D

■ B4BEB5

■ 09BE1C

■ C7BEC6

■ 00BE14

■ DABED7

■ EDBEE8

■ FFBEF9

■ FFBEFF

Harmonies

Analogous

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



A2B450



68BE71



00C3A0

Triad

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



68BE71



2DB4FF



FF8688

Complementary

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



68BE71



BE68B5

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.



FE84B8



68BE71



9FA3FF

Square

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



68BE71



00BEF7



DD90E4



F39460

Rectangle

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



68BE71



00C4C1



DD90E4



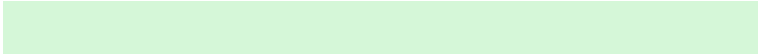
FF8397

Sweetspot

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



68BE71



D5F7D8



B5BE68



687D6A



FCFCFC



7D7D7D

Same Dimension

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



68BE71



72F780



68BE9C



555E56



009E11



001F03

Inverse Universe

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



BE68B5



F772E9



BE688A



5E555D



9E008E



1F001B

Previews

White Background



This preview shows how the Hex color 68BE71 looks on a white background.

Color Contrast Check

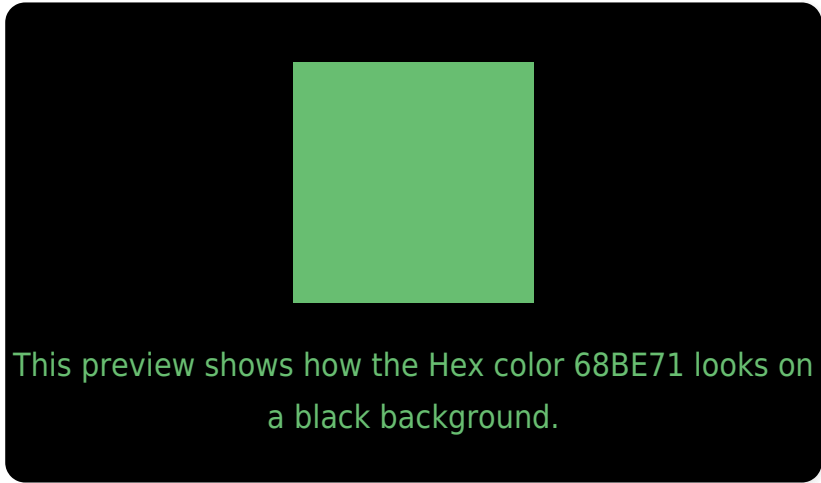
Large Text (above 18pt) WCAG AA × Fail

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 68BE71 Background



This preview shows how black text looks on a background with the Hex color 68BE71.

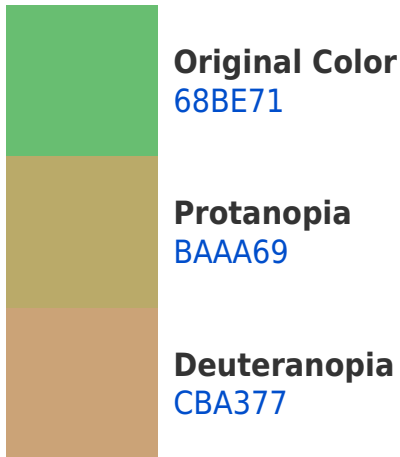


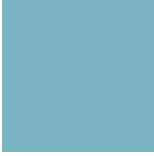
This preview shows how white text looks on a background with the Hex color 68BE71.

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](#).

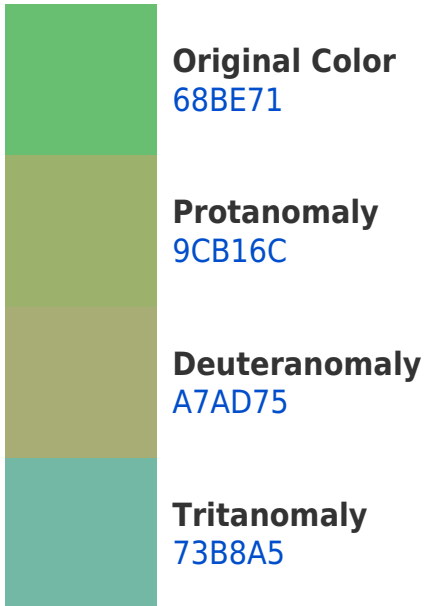
Dichromacy





Tritanopia
7AB4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68BE71 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 #68BE71 looks like.

```
.text, #text, p{  
    color:#68BE71  
}
```

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 #68BE71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68BE71
}
```

Border

The CSS property to change the border of an element to Hex 68BE71 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
#68BE71 }
```

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

```
.border{ border-color:#68BE71 }
```

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

Here you see how a box with a 4 pixel #68BE71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68BE71; -webkit-box-shadow:4px 4px  
4px 4px #68BE71; box-shadow:4px 4px 4px  
4px #68BE71 }
```

Background

The CSS property to change the background color of an element to Hex 68BE71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68BE71 }
```

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

```
.background{ background-color:#68BE71 }
```

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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