

Converting Colors

Hex(68B448)

Have a look what the booklet for
Hex(68B448) contains.

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Color

Hex(68B448)

Conversions

Conversions Part 1

Format	Color
Hex	68B448
RGB	104, 180, 72
RGB Percent	41%, 71%, 28%
CMY	0.5922, 0.2941, 0.7176
CMYK	0.42, 0.00, 0.60, 0.29
HSL	102°, 43%, 49%
HSV	102°, 60%, 71%
XYZ	23.1999, 36.0535, 11.8671
YIQ	144.9640, -10.6280, -49.7000

Conversions

Conversions Part 2

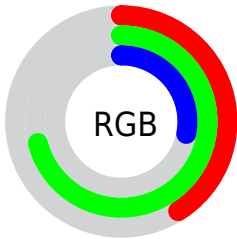
Format	Color
RYB	72, 180, 148
Decimal	6861896
CIELab	66.56, -43.39, 46.81
CIELCh	67, 63.827, 132.826
Yxy	36.0535, 0.3262, 0.5069
Android (android.graphics.Color)	4285051976 (0xFF68B448)
YUV	144.9640, -35.9713, -35.9254
Hunter-Lab	60.0445, -36.1095, 30.3131

Details

The Hex color **68B448** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **9448B4**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A0EC7C**, and **2F7E11** is the 20% darker color. If you saturate the color by 10%, you get **5BB436**, and if you desaturate by 10%, it is **75B45A**.

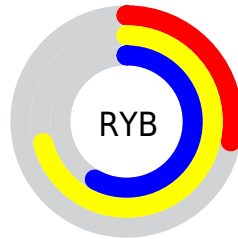
Distribution



Red (41%)

Green (71%)

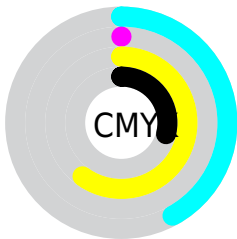
Blue (28%)



Red (28%)

Yellow (71%)

Blue (58%)

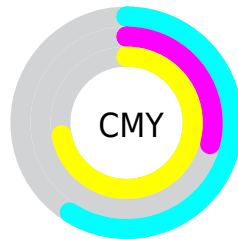


Cyan (42%)

Magenta (0%)

Yellow (60%)

Black (29%)



Cyan (59%)

Magenta (29%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68B448 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 68B448 by changing the saturation by 10% instead.



68B448



68B448

FFFFFF



4C992E



A0EC7C



2F7E11



BCFF97



096500



D9FFB3



004C00



F6FFCF



003400



FFFFEB



001F00



000000



68B448



68B448



5BB436



75B45A

 4FB424

 81B46C

 42B412

 8EB47E

 35B400

 9BB490

 A7B4A2

 B4B4B4

 C1B4C6

 CDB4D8

 DAB4EA

Harmonies

Analogous

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



A8A724



68B448



00BB7E

Triad

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



68B448



00B1FF



FF6C8C

Complementary

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



68B448



9448B4

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.



F971C5



68B448



5FA0FF

Square

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



68B448



00BBEF



C488F7



FE7C56

Rectangle

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



68B448



00BDA6



C488F7



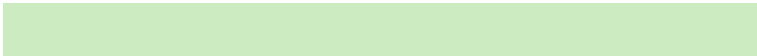
FF6B9F

Sweetspot

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



68B448



CDEBC0



B49448



63755B



F5F5F5



757575

Same Dimension

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



68B448



74EB42



48B45E



535950



2D9900



081A00

Inverse Universe

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



9448B4



B942EB



B4489E



575059



6C0099



12001A

Previews

White Background



This preview shows how the Hex color 68B448 looks on a white background.

Color Contrast Check

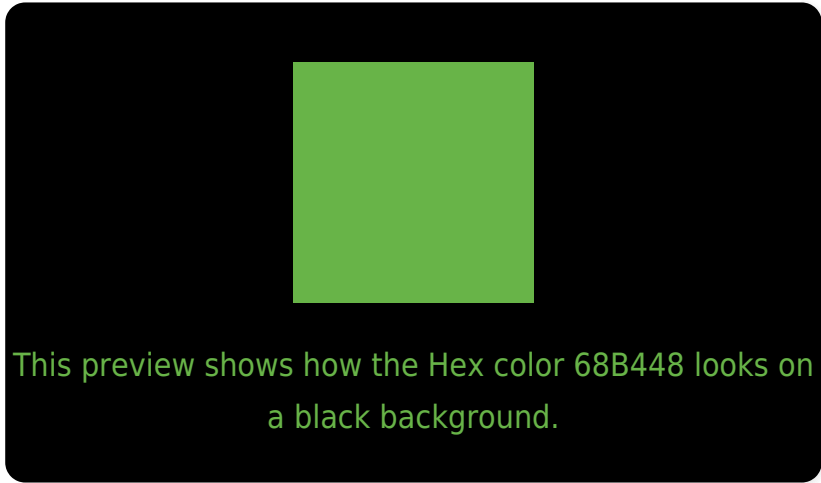
Large Text (above 18pt) WCAG AA × Fail

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 68B448 Background



This preview shows how black text looks on a background with the Hex color 68B448.

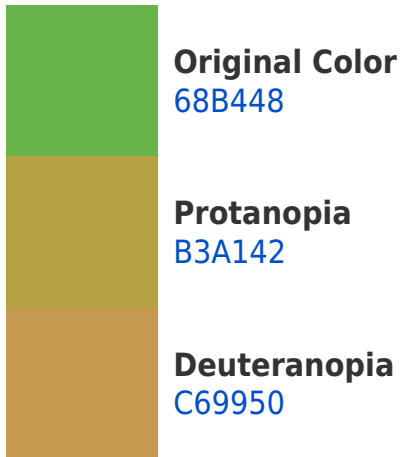


This preview shows how white text looks on a background with the Hex color 68B448.

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](#).

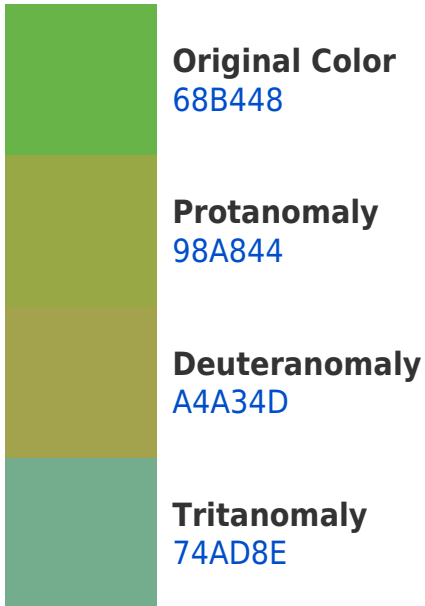
Dichromacy





Tritanopia
7BA9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68B448 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 #68B448 looks like.

```
.text, #text, p{  
    color:#68B448  
}
```

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 #68B448 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68B448
}
```

Border

The CSS property to change the border of an element to Hex 68B448 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
#68B448 }
```

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

```
.border{ border-color:#68B448 }
```

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

Here you see how a box with a 4 pixel #68B448 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68B448; -webkit-box-shadow:4px 4px  
4px 4px #68B448; box-shadow:4px 4px 4px  
4px #68B448 }
```

Background

The CSS property to change the background color of an element to Hex 68B448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68B448 }
```

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

```
.background{ background-color:#68B448 }
```

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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