

Converting Colors

Hex(68BA2D)

Have a look what the booklet for
Hex(68BA2D) contains.

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Color

Hex(68BA2D)

Conversions

Conversions Part 1

Format	Color
Hex	68BA2D
RGB	104, 186, 45
RGB Percent	41%, 73%, 18%
CMY	0.5922, 0.2706, 0.8235
CMYK	0.44, 0.00, 0.76, 0.27
HSL	95°, 61%, 45%
HSV	95°, 76%, 73%
XYZ	23.7415, 38.2503, 8.6144
YIQ	145.4080, -3.6110, -61.2350

Conversions

Conversions Part 2

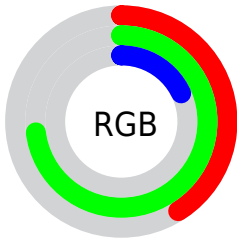
Format	Color
RYB	45, 186, 127
Decimal	6863405
CIELab	68.20, -48.06, 59.32
CIElCh	68, 76.347, 129.013
Yxy	38.2503, 0.3363, 0.5417
Android (android.graphics.Color)	4285053485 (0xFF68BA2D)
YUV	145.4080, -49.5011, -36.3148
Hunter-Lab	61.8469, -39.7102, 35.0346

Details

The Hex color **68BA2D** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **7F2DBA**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **A1F365**, and **2C8400** is the 20% darker color. If you saturate the color by 10%, you get **5DBA1A**, and if you desaturate by 10%, it is **73BA40**.

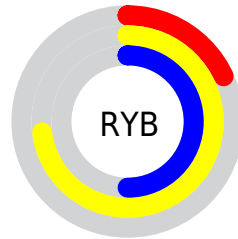
Distribution



Red (41%)

Green (73%)

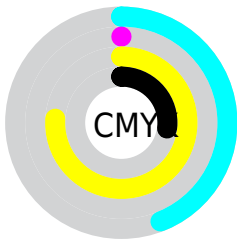
Blue (18%)



Red (18%)

Yellow (73%)

Blue (50%)

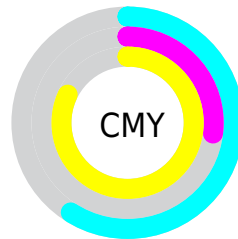


Cyan (44%)

Magenta (0%)

Yellow (76%)

Black (27%)



Cyan (59%)

Magenta (27%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68BA2D 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 68BA2D by changing the saturation by 10% instead.

 68BA2D

 68BA2D

FFFFFF

 4B9F05

 A1F365

 2C8400

 BEFF80

 006A00

 DCFF9C

 005100

 F9FFB8

 003900

 FFFFD5

 002300

 FFFFF2

 000000

 68BA2D

 68BA2D

 5DBA1A

 73BA40

■ 52BA08

■ 7EBA52

■ 4EBA00

■ 88BA65

■ 93BA77

■ 9EBA8A

■ A9BA9D

■ B4BAAF

■ BFBAC2

■ C9BAD4

Harmonies

Analogous

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



B4AA00



68BA2D



00C372

Triad

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



68BA2D



00BBFF



FF5D94

Complementary

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



68BA2D



7F2DBA

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.



FF6AD9



68BA2D



00A8FF

Square

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



68BA2D



00C4FC



C28AFF



FF7253

Rectangle

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



68BA2D



00C5A2



C28AFF



FF5EAC

Sweetspot

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



68BA2D



D2F2BB



BA7D2D



667A58



FAFAFA



7A7A7A

Same Dimension

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



68BA2D



72F216



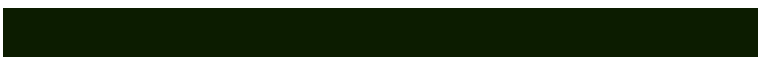
2DBA36



565C53



419C00



0C1C00

Inverse Universe

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



7F2DBA



9616F2



BA2DB1



58535C



5A009C



10001C

Previews

White Background



This preview shows how the Hex color 68BA2D looks on a white background.

Color Contrast Check

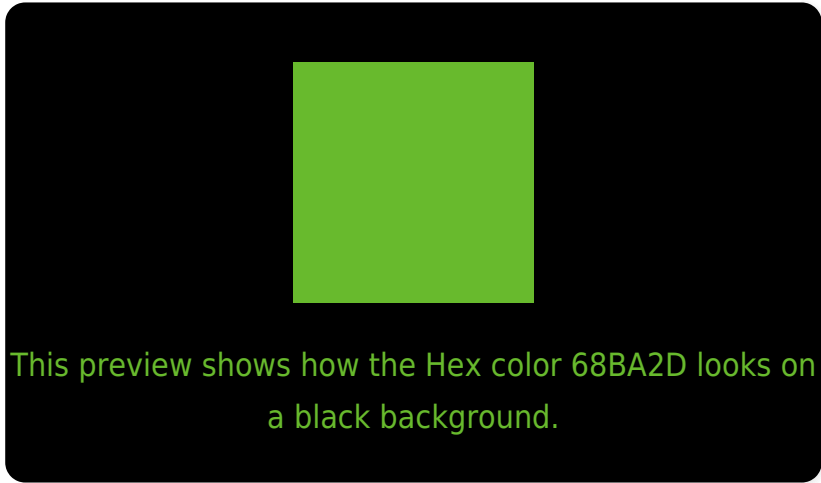
Large Text (above 18pt) WCAG AA × Fail

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 68BA2D Background



This preview shows how black text looks on a background with the Hex color 68BA2D.



This preview shows how white text looks on a background with the Hex color 68BA2D.

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

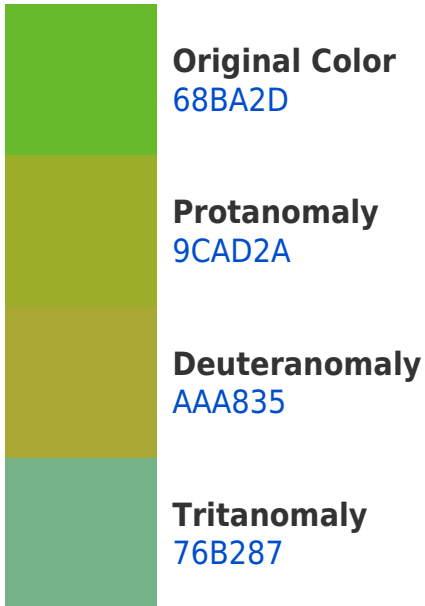


Original Color
68BA2D

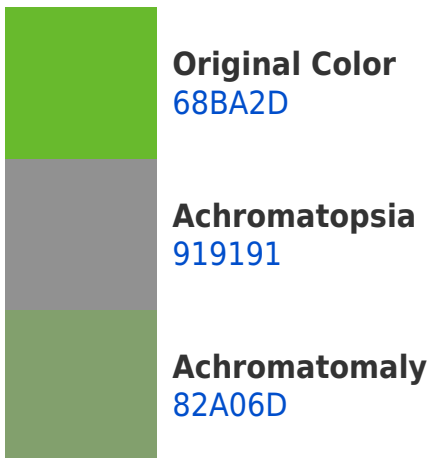
Protanopia
BAA628

Deuteranopia
CF9D39

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68BA2D 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 #68BA2D looks like.

```
.text, #text, p{  
    color:#68BA2D  
}
```

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 #68BA2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68BA2D
}
```

Border

The CSS property to change the border of an element to Hex 68BA2D 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
#68BA2D }
```

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

```
.border{ border-color:#68BA2D }
```

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

Here you see how a box with a 4 pixel #68BA2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68BA2D; -webkit-box-shadow:4px 4px  
4px 4px #68BA2D; box-shadow:4px 4px 4px  
4px #68BA2D }
```

Background

The CSS property to change the background color of an element to Hex 68BA2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68BA2D }
```

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

```
.background{ background-color:#68BA2D }
```

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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