

Converting Colors

Hex(68B22B)

Have a look what the booklet for
Hex(68B22B) contains.

Hex(68B22B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(68B22B)

Conversions

Conversions Part 1

Format	Color
Hex	68B22B
RGB	104, 178, 43
RGB Percent	41%, 70%, 17%
CMY	0.5922, 0.3020, 0.8314
CMYK	0.42, 0.00, 0.76, 0.30
HSL	93°, 61%, 43%
HSV	93°, 76%, 70%
XYZ	22.0654, 34.9583, 7.8702
YIQ	140.4840, -0.7690, -57.6730

Conversions

Conversions Part 2

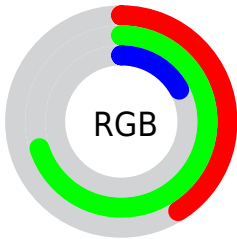
Format	Color
RYB	43, 178, 117
Decimal	6861355
CIELab	65.72, -44.93, 57.58
CIELCh	66, 73.032, 127.963
Yxy	34.9583, 0.3400, 0.5387
Android (android.graphics.Color)	4285051435 (0xFF68B22B)
YUV	140.4840, -48.0596, -31.9965
Hunter-Lab	59.1255, -36.8543, 33.4958

Details

The Hex color **68B22B** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **752BB2**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A1EA62**, and **2E7D00** is the 20% darker color. If you saturate the color by 10%, you get **5EB219**, and if you desaturate by 10%, it is **72B23D**.

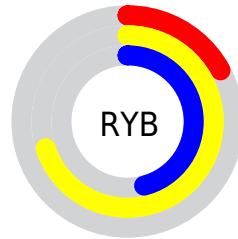
Distribution



Red (41%)

Green (70%)

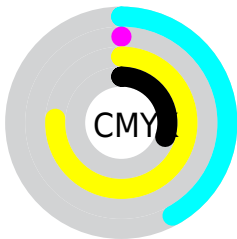
Blue (17%)



Red (17%)

Yellow (70%)

Blue (46%)

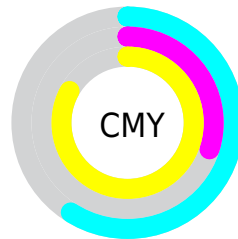


Cyan (42%)

Magenta (0%)

Yellow (76%)

Black (30%)



Cyan (59%)

Magenta (30%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68B22B 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 68B22B by changing the saturation by 10% instead.



68B22B



68B22B

FFFFFF



4C9704



A1EA62



2E7D00



BDF7E



046300



DAFF99



004A00



F8FFB5



003300



FFFFD2



001C00



FFFFEF



000000



68B22B



68B22B



5EB219



72B23D

 54B207

 7CB24F

 50B200

 85B260

 8FB272

 99B284

 A3B296

 ACB2A8

 B6B2B9

 C0B2CB

Harmonies

Analogous

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



AFA200



68B22B



00BB6C

Triad

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



68B22B



00B4FF



FF5B91

Complementary

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



68B22B



752BB2

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.



FB68D2



68B22B



00A2FF

Square

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



68B22B



00BCEF



B786FF



FF6D52

Rectangle

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



68B22B



00BD99



B786FF



FF5CA7

Sweetspot

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



68B22B



CBE8B3



B2732B



637554



F5F5F5



757575

Same Dimension

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



68B22B



74E815



2BB230



545950



459900



0C1A00

Inverse Universe

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



752BB2



8915E8



B22BAE



555059



540099



0E001A

Previews

White Background



This preview shows how the Hex color 68B22B looks on a white background.

Color Contrast Check

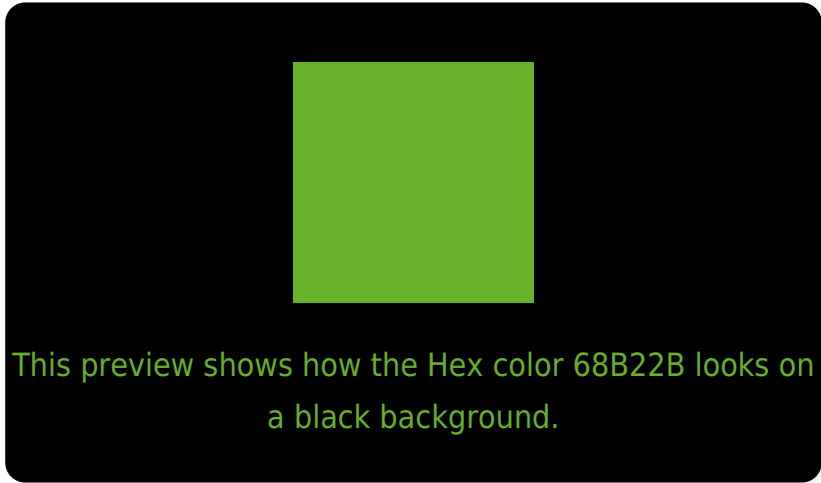
Large Text (above 18pt) WCAG AA × Fail

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 68B22B Background



This preview shows how black text looks on a background with the Hex color 68B22B.



This preview shows how white text looks on a background with the Hex color 68B22B.

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
68B22B

Protanopia
B29F26

Deuteranopia
C69737



Tritanopia
7CA6B3

Trichromacy



Original Color
68B22B



Protanomaly
97A628



Deuteranomaly
A4A133



Tritanomaly
75AA82

Monochromacy



Original Color
68B22B



Achromatopsia
8C8C8C



Achromatomaly
7F9A69

CSS Examples

Text

The CSS property to change the color of the text to Hex 68B22B 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 #68B22B looks like.

```
.text, #text, p{  
    color:#68B22B  
}
```

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 #68B22B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68B22B
}
```

Border

The CSS property to change the border of an element to Hex 68B22B 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
#68B22B }
```

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

```
.border{ border-color:#68B22B }
```

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

Here you see how a box with a 4 pixel #68B22B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68B22B; -webkit-box-shadow:4px 4px  
4px 4px #68B22B; box-shadow:4px 4px 4px  
4px #68B22B }
```

Background

The CSS property to change the background color of an element to Hex 68B22B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68B22B }
```

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

```
.background{ background-color:#68B22B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor