

# Converting Colors

Hex(69BC2B)

Have a look what the booklet for  
Hex(69BC2B) contains.

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# **Color**

**Hex(69BC2B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	69BC2B
RGB	105, 188, 43
RGB Percent	41%, 74%, 17%
CMY	0.5882, 0.2627, 0.8314
CMYK	0.44, 0.00, 0.77, 0.26
HSL	94°, 63%, 45%
HSV	94°, 77%, 74%
XYZ	24.2450, 39.1441, 8.5632
YIQ	146.6530, -2.9230, -62.6910

# Conversions

## Conversions Part 2

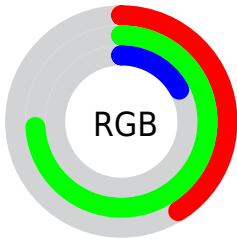
Format	Color
<a href="#">RYB</a>	<a href="#">43, 188, 126</a>
Decimal	<a href="#">6929451</a>
CIELab	<a href="#">68.86, -48.66, 60.61</a>
CIELCh	<a href="#">69, 77.727, 128.754</a>
Yxy	<a href="#">39.1441, 0.3370, 0.5440</a>
Android (android.graphics.Color)	<a href="#">4285119531 (0xFF69BC2B)</a>
YUV	<a href="#">146.6530, -51.1009, -36.5297</a>
Hunter-Lab	<a href="#">62.5653, -40.3178, 35.6807</a>

# Details

The Hex color **69BC2B** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **7E2BBC**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A2F564**, and **2C8600** is the 20% darker color. If you saturate the color by 10%, you get **5EBC18**, and if you desaturate by 10%, it is **74BC3E**.

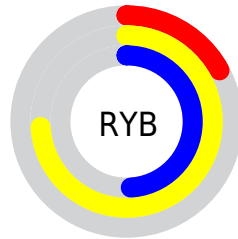
# Distribution



Red (41%)

Green (74%)

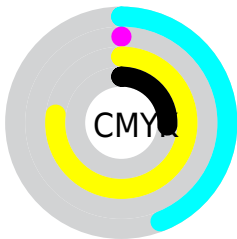
Blue (17%)



Red (17%)

Yellow (74%)

Blue (49%)

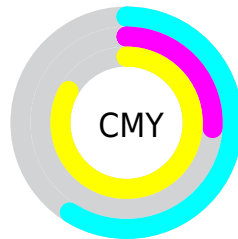


Cyan (44%)

Magenta (0%)

Yellow (77%)

Black (26%)



Cyan (59%)

Magenta (26%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69BC2B 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 69BC2B by changing the saturation by 10% instead.



 69BC2B

 69BC2B

FFFFFF

 4CA100

 A2F564

 2C8600

 BFFF7F

 006C00

 DDF99B

 005300

 FBFB7

 003B00

 FFFD4

 002500

 FFFF1

 000000

 69BC2B

 69BC2B

 5EBC18

 74BC3E

 53BC05

 7FBC51

 50BC00

 89BC63

 94BC76

 9FBC89

 AABC9C

 B4BCAF

 BFBC1

 CABCD4

# Harmonies

## Analogous

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



B6AB00



69BC2B



00C572

# Triad

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



69BC2B



00BDFE



FF5D96

# Complementary

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



69BC2B



7E2BBC

# 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.



FF6ADD



69BC2B



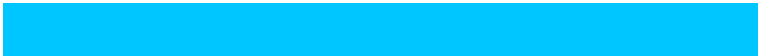
00A AFF

# Square

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



69BC2B



00C6FF



C48BFF



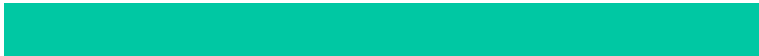
FF7253

# Rectangle

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



69BC2B



00C8A3



C48BFF



FF5DAE



# Sweetspot

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



69BC2B



D5F5BC



BC7D2B



677A58



FAFAFA



7A7A7A



# Same Dimension

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



69BC2B



72F511



2BBC35



595E55



449E00



0D1F00



# Inverse Universe

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



7E2BBC



9311F5



BC2BB2



5A555E



5A009E



12001F



# Previews

## White Background



This preview shows how the Hex color 69BC2B looks on a white background.

## Color Contrast Check

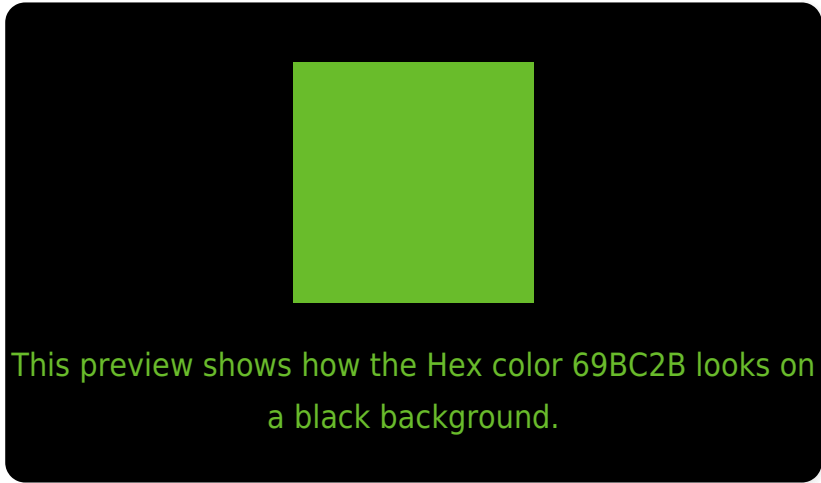
Large Text (above 18pt) WCAG AA × Fail

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

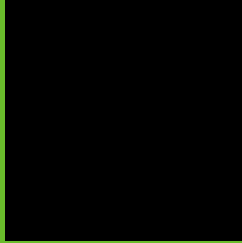
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 69BC2B Background



This preview shows how black text looks on a background with the Hex color 69BC2B.



This preview shows how white text looks on a background with the Hex color 69BC2B.

# 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**  
69BC2B

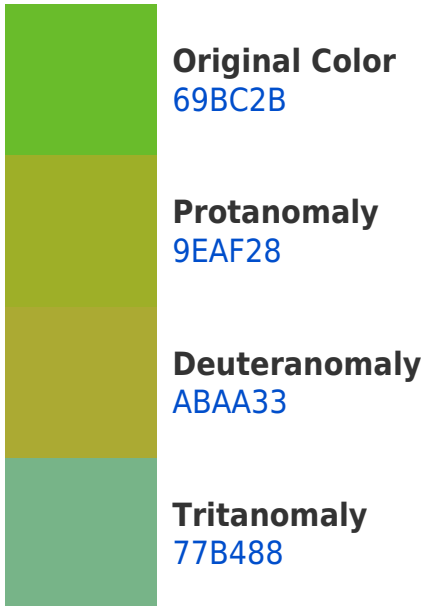
**Protanopia**  
BCA726

**Deuteranopia**  
D19F38

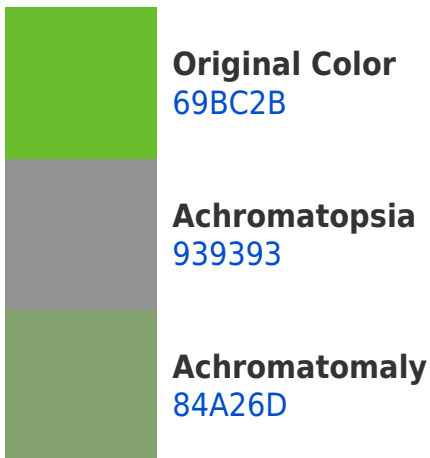


**Tritanopia**  
7FAFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69BC2B 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 #69BC2B looks like.

```
.text, #text, p{  
    color:#69BC2B  
}
```

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 #69BC2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69BC2B
}
```

## Border

The CSS property to change the border of an element to Hex 69BC2B 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
#69BC2B }
```

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

```
.border{ border-color:#69BC2B }
```

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

Here you see how a box with a 4 pixel #69BC2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69BC2B; -webkit-box-shadow:4px 4px  
4px 4px #69BC2B; box-shadow:4px 4px 4px  
4px #69BC2B }
```

# Background

The CSS property to change the background color of an element to Hex 69BC2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69BC2B }
```

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

```
.background{ background-color:#69BC2B }
```

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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