

# Converting Colors

Hex(69BC69)

Have a look what the booklet for  
Hex(69BC69) contains.

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**Color**

**Hex(69BC69)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69BC69
RGB	105, 188, 105
RGB Percent	41%, 74%, 41%
CMY	0.5882, 0.2627, 0.5882
CMYK	0.44, 0.00, 0.44, 0.26
HSL	120°, 38%, 57%
HSV	120°, 44%, 74%
XYZ	26.3587, 39.9896, 19.6941
YIQ	153.7210, -22.8250, -43.4090

# Conversions

## Conversions Part 2

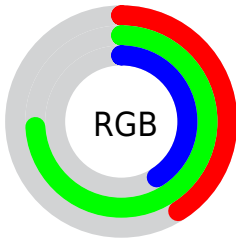
Format	Color
<a href="#">RYB</a>	<a href="#">105, 188, 188</a>
Decimal	<a href="#">6929513</a>
CIELab	<a href="#">69.46, -42.31, 34.24</a>
CIElCh	<a href="#">69, 54.430, 141.017</a>
Yxy	<a href="#">39.9896, 0.3063, 0.4648</a>
Android (android.graphics.Color)	<a href="#">4285119593</a> ( <a href="#">0xFF69BC69</a> )
YUV	<a href="#">153.7210, -24.0195, -42.7283</a>
Hunter-Lab	<a href="#">63.2373, -36.2626, 25.8013</a>

# Details

The Hex color **69BC69** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BC69BC**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A0F59D**, and **318638** is the 20% darker color. If you saturate the color by 10%, you get **56BC56**, and if you desaturate by 10%, it is **7CBC7C**.

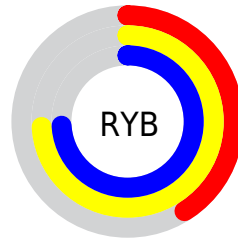
# Distribution



Red (41%)

Green (74%)

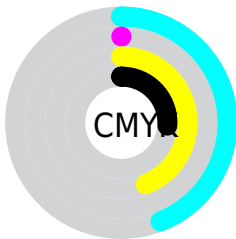
Blue (41%)



Red (41%)

Yellow (74%)

Blue (74%)

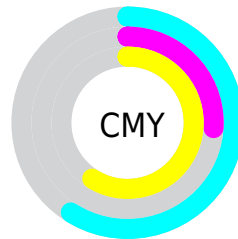


Cyan (44%)

Magenta (0%)

Yellow (44%)

Black (26%)



Cyan (59%)

Magenta (26%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69BC69 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 69BC69 by changing the saturation by 10% instead.





69BC69



69BC69

FFFFFF



4EA150



A0F59D



318638



BDFFB9



0D6C20



DAFFD5



005305



F7FFF1



003B00



002700



000000



69BC69



69BC69



56BC56



7CBC7C

 43BC43

 8FBC8F

 31BC31

 A1BCA1

 1EBC1E

 B4BCB4

 0BBC0B

 C7BCC7

 00BC00

 DABCD A

 EDBCED

 FFBCFF

# Harmonies

## Analogous

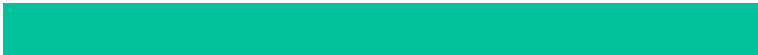
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A4B249



69BC69



00C199

# Triad

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



69BC69



00B3FF



FF8189

# Complementary

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



69BC69



BC69BC

# 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.



FD80BB



69BC69



94A3FF

# Square

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



69BC69



00BEF5



D88FE8



F58F5E

# Rectangle

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



69BC69



00C2BB



D88FE8



FF7F99

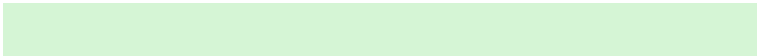


# Sweetspot

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



69BC69



D5F5D5



BCBC69



677A67



FAFAFA



7A7A7A



# Same Dimension

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



69BC69



73F573



69BC93



555E55



009E00



001F00



# Inverse Universe

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



BC69BC



F573F5



BC6993



5E555E



9E009E



1F001F



# Previews

## White Background



This preview shows how the Hex color 69BC69 looks on a white background.

## Color Contrast Check

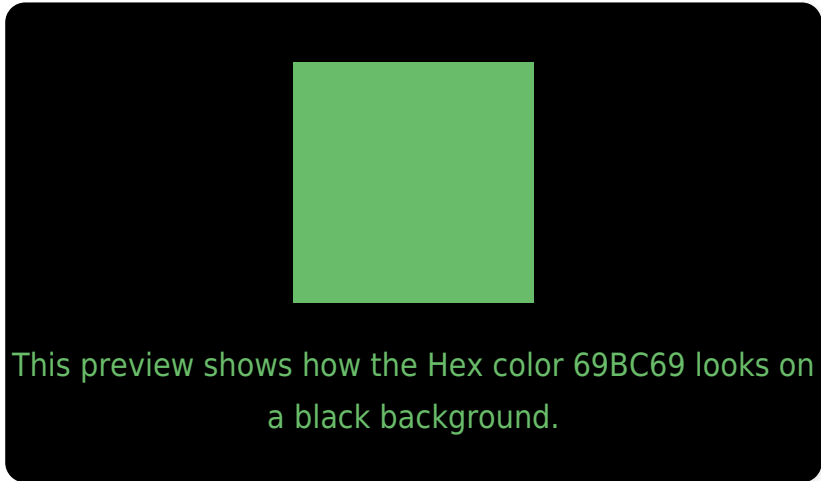
Large Text (above 18pt) WCAG AA × Fail

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

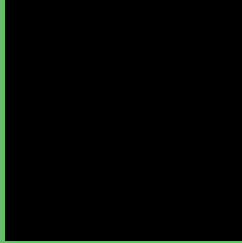
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 69BC69 Background



This preview shows how black text looks on a background with the Hex color 69BC69.

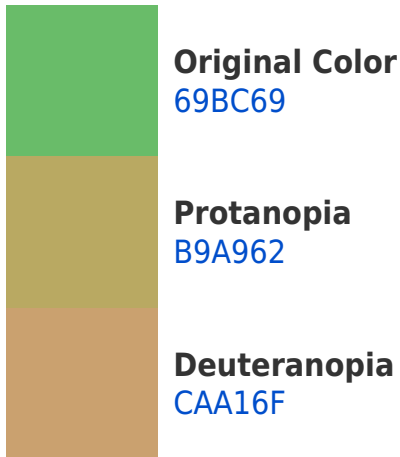


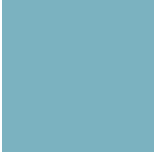
This preview shows how white text looks on a background with the Hex color 69BC69.

# 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**  
7BB2C0

# Trichromacy



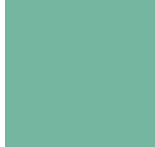
**Original Color**  
69BC69



**Protanomaly**  
9CB065



**Deuteranomaly**  
A7AB6D



**Tritanomaly**  
74B6A0

# Monochromacy



**Original Color**  
69BC69



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
88A688

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69BC69 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 #69BC69 looks like.

```
.text, #text, p{  
    color:#69BC69  
}
```

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 #69BC69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69BC69
}
```

## Border

The CSS property to change the border of an element to Hex 69BC69 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
#69BC69 }
```

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

```
.border{ border-color:#69BC69 }
```

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

Here you see how a box with a 4 pixel #69BC69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69BC69; -webkit-box-shadow:4px 4px  
4px 4px #69BC69; box-shadow:4px 4px 4px  
4px #69BC69 }
```

# Background

The CSS property to change the background color of an element to Hex 69BC69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69BC69 }
```

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

```
.background{ background-color:#69BC69 }
```

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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