

# Converting Colors

Hex(69C054)

Have a look what the booklet for  
Hex(69C054) contains.

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**Color**

**Hex(69C054)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	69C054
RGB	105, 192, 84
RGB Percent	41%, 75%, 33%
CMY	0.5882, 0.2471, 0.6706
CMYK	0.45, 0.00, 0.56, 0.25
HSL	108°, 46%, 54%
HSV	108°, 56%, 75%
XYZ	26.2756, 41.3426, 14.9826
YIQ	153.6750, -17.1840, -52.0320

# Conversions

## Conversions Part 2

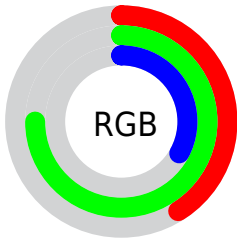
Format	Color
<a href="#">RYB</a>	<a href="#">84, 192, 171</a>
Decimal	<a href="#">6930516</a>
CIELab	<a href="#">70.42, -46.76, 45.74</a>
CIElCh	<a href="#">70, 65.412, 135.634</a>
Yxy	<a href="#">41.3426, 0.3181, 0.5005</a>
Android (android.graphics.Color)	<a href="#">4285120596</a> ( <a href="#">0xFF69C054</a> )
YUV	<a href="#">153.6750, -34.3498, -42.6880</a>
Hunter-Lab	<a href="#">64.2982, -39.5776, 31.1932</a>

# Details

The Hex color **69C054** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **AB54C0**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A1F988**, and **2F8A20** is the 20% darker color. If you saturate the color by 10%, you get **5AC041**, and if you desaturate by 10%, it is **78C067**.

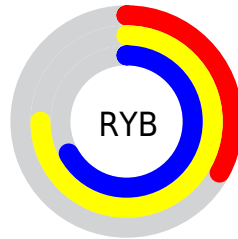
# Distribution



Red (41%)

Green (75%)

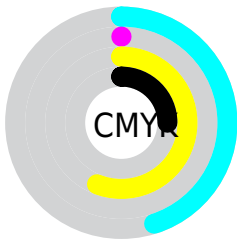
Blue (33%)



Red (33%)

Yellow (75%)

Blue (67%)

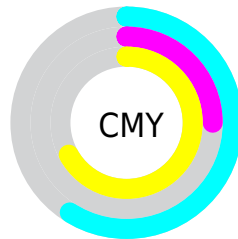


Cyan (45%)

Magenta (0%)

Yellow (56%)

Black (25%)



Cyan (59%)

Magenta (25%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69C054 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 69C054 by changing the saturation by 10% instead.



 69C054

 69C054

FFFFFF

 4DA43A

 A1F988

 2F8A20

 BEFFA4

 027000

 DBFFBF

 005600

 F9FFDC

 003E00

 FFFFF9

 002900

 000300

 000000

 69C054

 69C054

 5AC041

 78C067

 4AC02E

 88C07A

 3BC01A

 97C08E

 2BC007

 A7C0A1

 25C000

 B6C0B4

 C6C0C7

 D5C0DA

 E5C0EE

 F4C0FF

# Harmonies

## Analogous

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



AEB32D



69C054



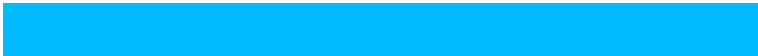
00C78D

# Triad

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



69C054



00BBFF



FF768F

# Complementary

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



69C054



AB54C0

# 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.



FF79CB



69C054



76A8FF

# Square

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



69C054



00C5FF



D78FFF



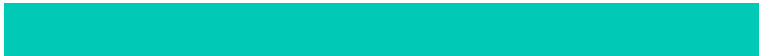
FF8759

# Rectangle

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



69C054



00C9B6



D78FFF



FF74A3

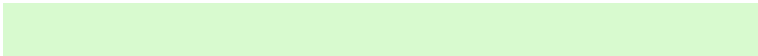


# Sweetspot

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



69C054



D8FACF



C0AA54



697D64



FCFCFC



7D7D7D



# Same Dimension

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



69C054



71FA50



54C074



596157



1FA100



062100



# Inverse Universe

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



AB54C0



D950FA



C054A0



5F5761



8100A1



1B0021



# Previews

## White Background



This preview shows how the Hex color 69C054 looks on a white background.

## Color Contrast Check

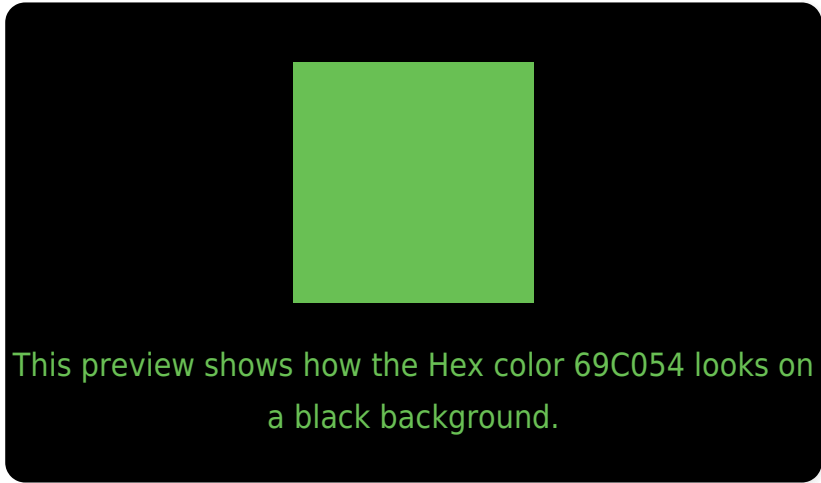
Large Text (above 18pt) WCAG AA × Fail

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

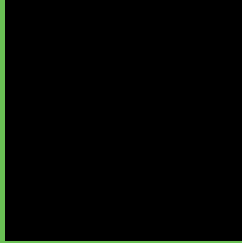
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 69C054 Background



This preview shows how black text looks on a background with the Hex color 69C054.

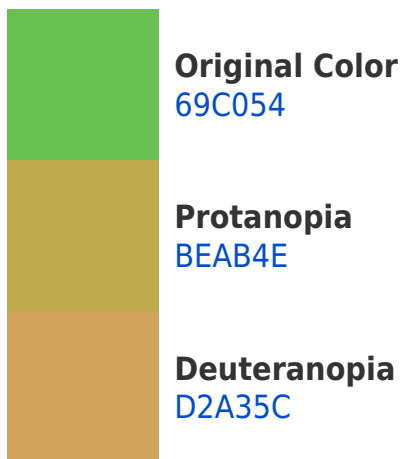


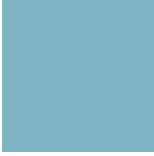
This preview shows how white text looks on a background with the Hex color 69C054.

# 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](#).

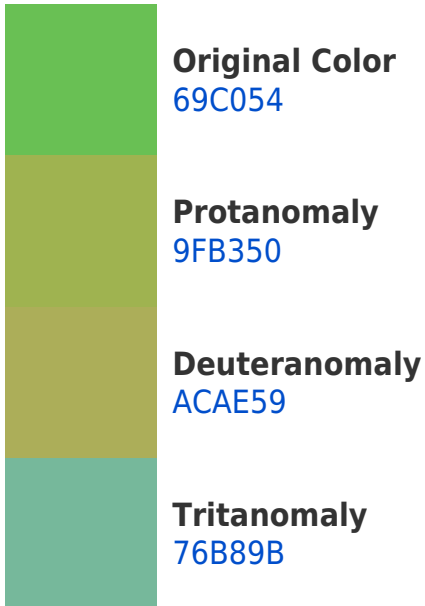
## Dichromacy



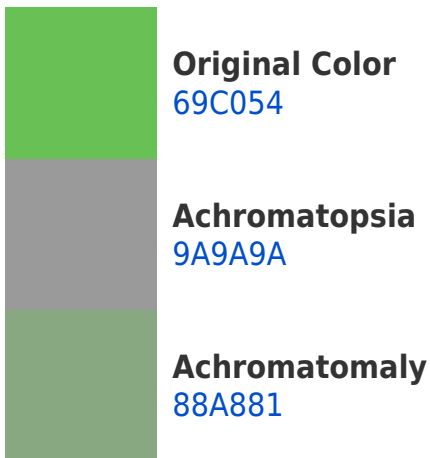


**Tritanopia**  
7EB4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69C054 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 #69C054 looks like.

```
.text, #text, p{  
    color:#69C054  
}
```

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 #69C054 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69C054
}
```

## Border

The CSS property to change the border of an element to Hex 69C054 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
#69C054 }
```

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

```
.border{ border-color:#69C054 }
```

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

Here you see how a box with a 4 pixel #69C054 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69C054; -webkit-box-shadow:4px 4px  
4px 4px #69C054; box-shadow:4px 4px 4px  
4px #69C054 }
```

# Background

The CSS property to change the background color of an element to Hex 69C054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69C054 }
```

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

```
.background{ background-color:#69C054 }
```

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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