

# Converting Colors

Hex(68C154)

Have a look what the booklet for  
Hex(68C154) contains.

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# **Color**

**Hex(68C154)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68C154
RGB	104, 193, 84
RGB Percent	41%, 76%, 33%
CMY	0.5922, 0.2431, 0.6706
CMYK	0.46, 0.00, 0.56, 0.24
HSL	109°, 47%, 54%
HSV	109°, 56%, 76%
XYZ	26.3791, 41.7231, 15.0505
YIQ	153.9630, -18.0550, -52.7670

# Conversions

## Conversions Part 2

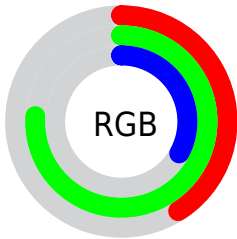
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 193, 173
Decimal	6865236
CIELab	70.68, -47.47, 46.04
CIELCh	71, 66.131, 135.880
Yxy	41.7231, 0.3172, 0.5018
Android (android.graphics.Color)	4285055316 (0xFF68C154)
YUV	153.9630, -34.4918, -43.8176
Hunter-Lab	64.5934, -40.1413, 31.4006

# Details

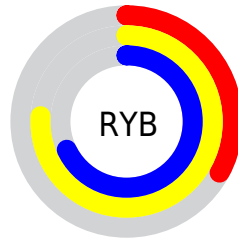
The Hex color **68C154** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **AD54C1**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A1FA89**, and **2D8B20** is the 20% darker color. If you saturate the color by 10%, you get **58C141**, and if you desaturate by 10%, it is **78C167**.

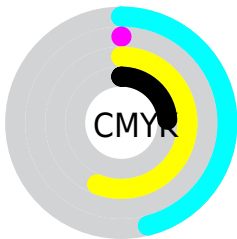
# Distribution



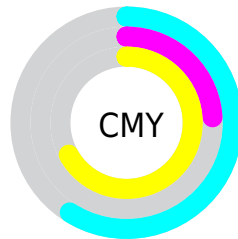
- Red (41%)
- Green (76%)
- Blue (33%)



- Red (33%)
- Yellow (76%)
- Blue (68%)



- Cyan (46%)
- Magenta (0%)
- Yellow (56%)
- Black (24%)



- Cyan (59%)
- Magenta (24%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68C154 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 68C154 by changing the saturation by 10% instead.





68C154



68C154

FFFFFF



4BA53A



A1FA89



2D8B20



BDFFA4



007000



DAFFBF



005700



F8FFDC



003F00



FFFFFF9



002A00



000500



000000



68C154



68C154

 58C141

 78C167

 48C12D

 88C17B

 39C11A

 97C18E

 29C107

 A7C1A1

 23C100

 B7C1B4

 C7C1C8

 D6C1DB

 E6C1EE

 F6C1FF

# Harmonies

## Analogous

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



AEB42C



68C154



00C88D

# Triad

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



68C154



00BCFF



FF768F

# Complementary

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



68C154



AD54C1

# 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.



FF79CC



68C154



77A9FF

# Square

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



68C154



00C6FF



D98FFF



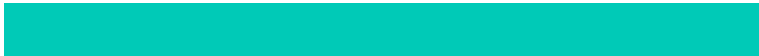
FF8758

# Rectangle

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



68C154



00CAB7



D98FFF



FF74A3

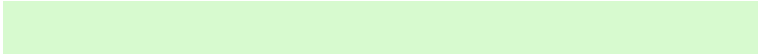


# Sweetspot

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



68C154



D7FACF



C1AB54



697D64



FCFCFC



7D7D7D



# Same Dimension

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



68C154



6FFA50



54C175



596157



1DA100



062100



# Inverse Universe

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



AD54C1



DB50FA



C154A0



5F5761



8300A1



1B0021



# Previews

## White Background



This preview shows how the Hex color 68C154 looks on a white background.

## Color Contrast Check

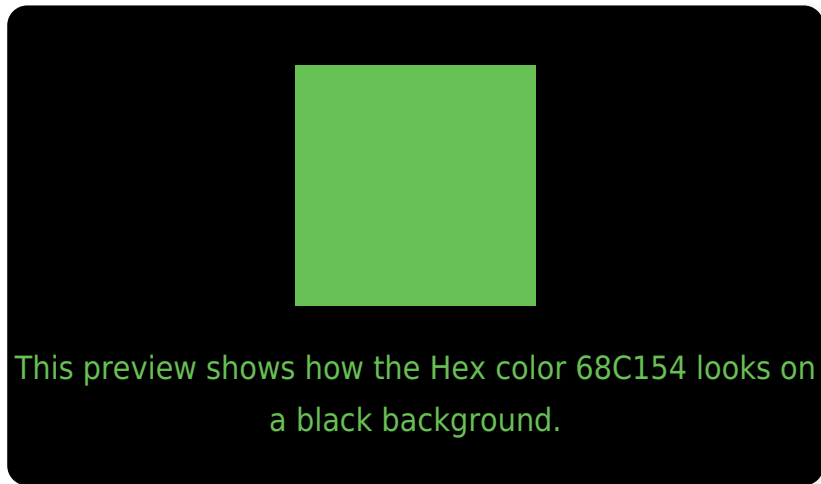
Large Text (above 18pt) WCAG AA × Fail

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

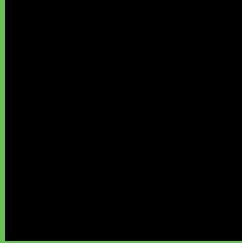
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 68C154 Background



This preview shows how black text looks on a background with the Hex color 68C154.



This preview shows how white text looks on a background with the Hex color 68C154.

# 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](#).

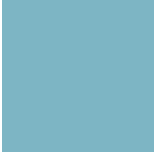
## Dichromacy



**Original Color**  
68C154

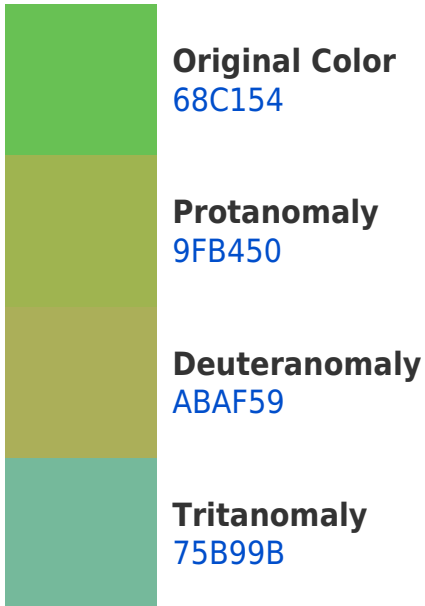
**Protanopia**  
BFAC4D

**Deuteranopia**  
D2A45C

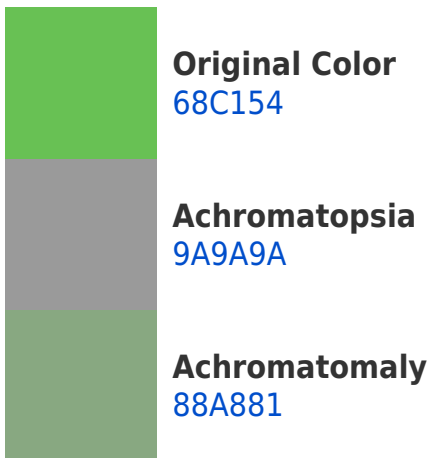


**Tritanopia**  
7DB5C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68C154 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 #68C154 looks like.

```
.text, #text, p{  
    color:#68C154  
}
```

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 #68C154 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68C154
}
```

## Border

The CSS property to change the border of an element to Hex 68C154 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
#68C154 }
```

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

```
.border{ border-color:#68C154 }
```

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

Here you see how a box with a 4 pixel #68C154 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68C154; -webkit-box-shadow:4px 4px  
4px 4px #68C154; box-shadow:4px 4px 4px  
4px #68C154 }
```

# Background

The CSS property to change the background color of an element to Hex 68C154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68C154 }
```

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

```
.background{ background-color:#68C154 }
```

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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