

# Converting Colors

Hex(64C351)

Have a look what the booklet for  
Hex(64C351) contains.

<b>Hex(64C351)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(64C351)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64C351
RGB	100, 195, 81
RGB Percent	39%, 76%, 32%
CMY	0.6078, 0.2353, 0.6824
CMYK	0.49, 0.00, 0.58, 0.24
HSL	110°, 49%, 54%
HSV	110°, 58%, 76%
XYZ	26.2558, 42.3336, 14.5720
YIQ	153.5990, -20.0260, -55.5940

# Conversions

## Conversions Part 2

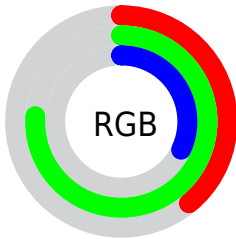
Format	Color
<a href="#">RYB</a>	<a href="#">81, 195, 176</a>
Decimal	<a href="#">6603601</a>
CIELab	<a href="#">71.10, -49.80, 47.87</a>
CIElCh	<a href="#">71, 69.075, 136.129</a>
Yxy	<a href="#">42.3336, 0.3157, 0.5091</a>
Android (android.graphics.Color)	<a href="#">4284793681 (0xFF64C351)</a>
YUV	<a href="#">153.5990, -35.7913, -47.0063</a>
Hunter-Lab	<a href="#">65.0643, -41.8312, 32.2663</a>

# Details

The Hex color **64C351** 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 **B051C3**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **9DFC86**, and **268C1B** is the 20% darker color. If you saturate the color by 10%, you get **54C33D**, and if you desaturate by 10%, it is **74C364**.

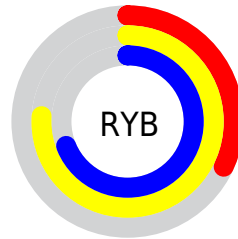
# Distribution



Red (39%)

Green (76%)

Blue (32%)



Red (32%)

Yellow (76%)

Blue (69%)

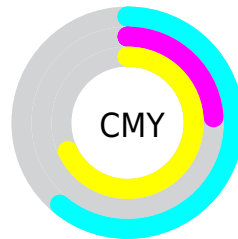


Cyan (49%)

Magenta (0%)

Yellow (58%)

Black (24%)



Cyan (61%)

Magenta (24%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64C351 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 64C351 by changing the saturation by 10% instead.





64C351



64C351

FFFFFF



47A737



9DFC86



268C1B



BAFFA1



007200



D7FFBD



005900



F5FFD9



004000



FFFFFF6



002B00



000800



000000



64C351



64C351

 54C33D

 74C364

 43C32A

 84C378

 33C316

 95C38B

 23C303

 A5C39F

 20C300

 B5C3B3

 C5C3C6

 D6C3DA

 E6C3ED

 F6C3FF

# Harmonies

## Analogous

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



AEB524



64C351



00CA8E

# Triad

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



64C351



00BDFE



FF738F

# Complementary

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



64C351



B051C3

# 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.



FF76CE



64C351



74A9FF

# Square

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



64C351



00C8FF



DC8EFF



FF8755

# Rectangle

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



64C351



00CCBA



DC8EFF



FF71A4

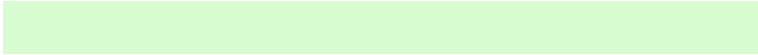


# Sweetspot

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



64C351



D7FCCF



C3B051



688063



000000



808080



# Same Dimension

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



64C351



69FC4C



51C377



596157



1BA100



062100



# Inverse Universe

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



B051C3



DF4CFC



C3519D



5F5761



8600A1



1C0021



# Previews

## White Background



This preview shows how the Hex color 64C351 looks on a white background.

## Color Contrast Check

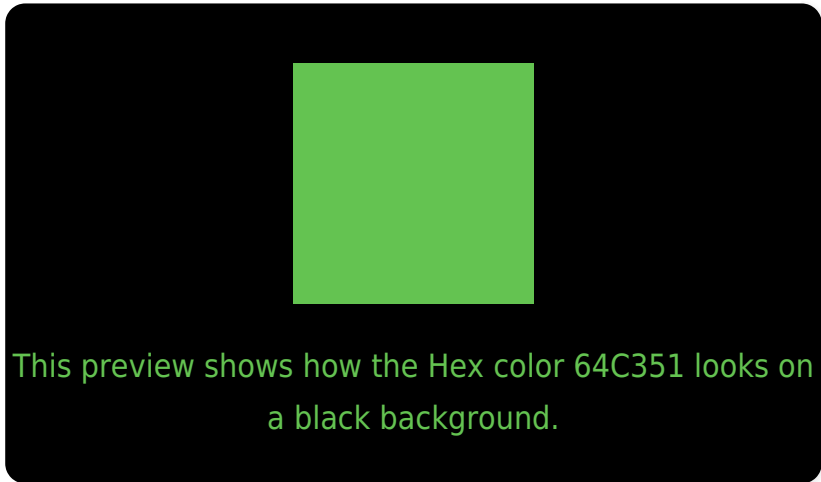
Large Text (above 18pt) WCAG AA × Fail

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 64C351 Background



This preview shows how black text looks on a background with the Hex color 64C351.

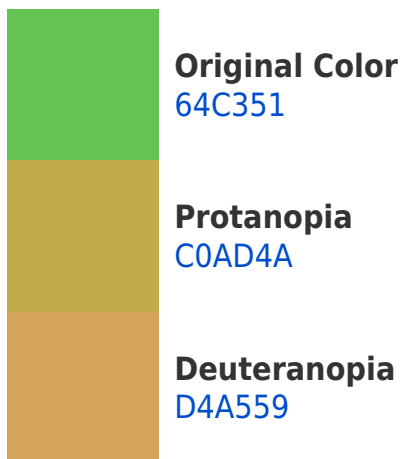


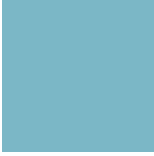
This preview shows how white text looks on a background with the Hex color 64C351.

# 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](#).

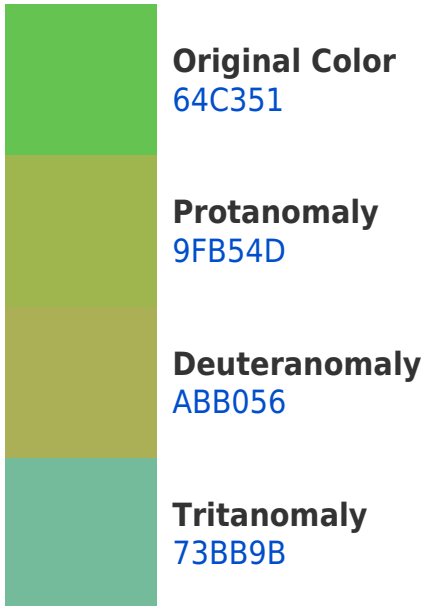
## Dichromacy



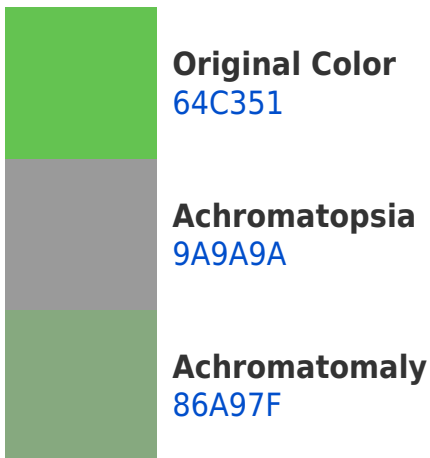


**Tritanopia**  
7BB7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64C351 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 #64C351 looks like.

```
.text, #text, p{  
    color:#64C351  
}
```

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 #64C351 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64C351
}
```

## Border

The CSS property to change the border of an element to Hex 64C351 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
#64C351 }
```

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

```
.border{ border-color:#64C351 }
```

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

Here you see how a box with a 4 pixel #64C351 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64C351; -webkit-box-shadow:4px 4px  
4px 4px #64C351; box-shadow:4px 4px 4px  
4px #64C351 }
```

# Background

The CSS property to change the background color of an element to Hex 64C351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64C351 }
```

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

```
.background{ background-color:#64C351 }
```

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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