

# Converting Colors

Hex(3CC851)

Have a look what the booklet for  
Hex(3CC851) contains.

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**Color**

**Hex(3CC851)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CC851
RGB	60, 200, 81
RGB Percent	24%, 78%, 32%
CMY	0.7647, 0.2157, 0.6824
CMYK	0.70, 0.00, 0.59, 0.22
HSL	129°, 56%, 51%
HSV	129°, 70%, 78%
XYZ	24.0030, 42.8633, 14.7929
YIQ	144.5740, -45.2410, -66.6890

# Conversions

## Conversions Part 2

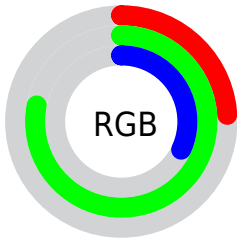
Format	Color
<a href="#">RYB</a>	<a href="#">60, 182, 200</a>
Decimal	<a href="#">3983441</a>
CIELab	<a href="#">71.46, -60.95, 47.98</a>
CIELCh	<a href="#">71, 77.569, 141.789</a>
Yxy	<a href="#">42.8633, 0.2939, 0.5249</a>
Android (android.graphics.Color)	<a href="#">4282173521 (0xFF3CC851)</a>
YUV	<a href="#">144.5740, -31.3420, -74.1714</a>
Hunter-Lab	<a href="#">65.4701, -49.1301, 32.4325</a>

# Details

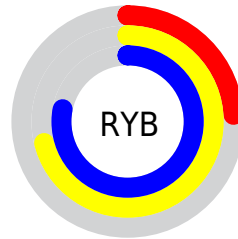
The Hex color **3CC851** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **C83CB3**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **7DFF86**, and **00911B** is the 20% darker color. If you saturate the color by 10%, you get **28C840**, and if you desaturate by 10%, it is **50C862**.

# Distribution



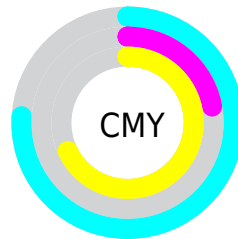
- Red (24%)
- Green (78%)
- Blue (32%)



- Red (24%)
- Yellow (71%)
- Blue (78%)



- Cyan (70%)
- Magenta (0%)
- Yellow (59%)
- Black (22%)



- Cyan (76%)
- Magenta (22%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CC851 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 3CC851 by changing the saturation by 10% instead.



 3CC851

 3CC851

FFFFFF

 02AC37

 7DFF86

 00911B

 9BFFA1

 007600

 BAFFBD

 005C00

 D8FFD9

 004300

 F6FFF6

 002C00

 000A00

 000000

 3CC851

 3CC851

 28C840

 50C862

 14C82F

 64C873

 00C81E

 78C884

 8CC895

 A0C8A6

 B4C8B7

 C8C8C8

 DCC8D9

 F0C8EA

# Harmonies

## Analogous

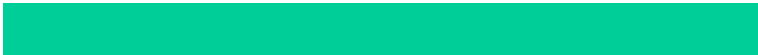
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9FBB02



3CC851



00CE99

# Triad

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



3CC851



00BDFE



FF6B7F

# Complementary

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



3CC851



C83CB3

# 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.



FF68C6



3CC851



86A5FF

# Square

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



3CC851



00CBFF



F184FF



FF873F

# Rectangle

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



3CC851



00D0CA



F184FF



FF6696

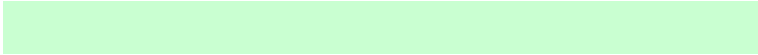


# Sweetspot

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



3CC851



C9FFD1



B3C83C



608064



000000



808080



# Same Dimension

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



3CC851



29FF49



3CC897



5A635B



00A318



002405



# Inverse Universe

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



C83CB3



FF29DF



C83C6D



635A62



A3008B



24001E



# Previews

## White Background



This preview shows how the Hex color 3CC851 looks on a white background.

## Color Contrast Check

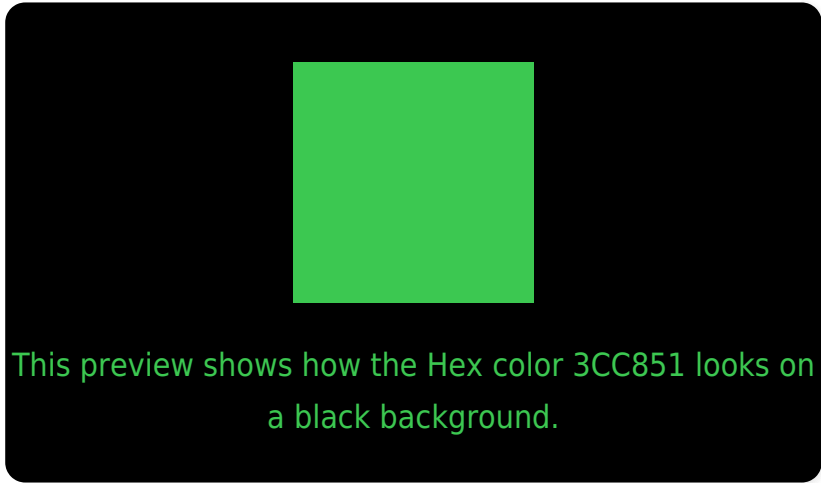
Large Text (above 18pt) WCAG AA × Fail

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

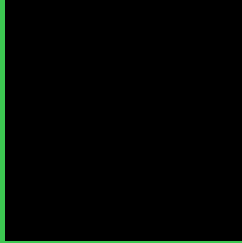
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3CC851 Background



This preview shows how black text looks on a background with the Hex color 3CC851.



This preview shows how white text looks on a background with the Hex color 3CC851.

# 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](#).

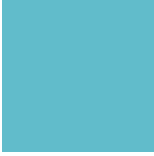
## Dichromacy



**Original Color**  
3CC851

**Protanopia**  
C1AE49

**Deuteranopia**  
D5A55B



**Tritanopia**  
61BCCB

# Trichromacy



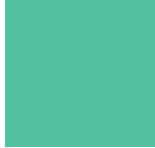
**Original Color**  
3CC851



**Protanomaly**  
91B74C



**Deuteranomaly**  
9DB257



**Tritanomaly**  
54C09F

# Monochromacy



**Original Color**  
3CC851



**Achromatopsia**  
919191



**Achromatomaly**  
72A57A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CC851 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 #3CC851 looks like.

```
.text, #text, p{  
    color:#3CC851  
}
```

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 #3CC851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CC851
}
```

## Border

The CSS property to change the border of an element to Hex 3CC851 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
#3CC851 }
```

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

```
.border{ border-color:#3CC851 }
```

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

Here you see how a box with a 4 pixel #3CC851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CC851; -webkit-box-shadow:4px 4px  
4px 4px #3CC851; box-shadow:4px 4px 4px  
4px #3CC851 }
```

# Background

The CSS property to change the background color of an element to Hex 3CC851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CC851 }
```

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

```
.background{ background-color:#3CC851 }
```

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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