

# Converting Colors

Hex(3CC73E)

Have a look what the booklet for  
Hex(3CC73E) contains.

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**Color**

**Hex(3CC73E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CC73E
RGB	60, 199, 62
RGB Percent	24%, 78%, 24%
CMY	0.7647, 0.2196, 0.7569
CMYK	0.70, 0.00, 0.69, 0.22
HSL	121°, 55%, 51%
HSV	121°, 70%, 78%
XYZ	23.1564, 42.1553, 11.4737
YIQ	141.8210, -38.8670, -72.0750

# Conversions

## Conversions Part 2

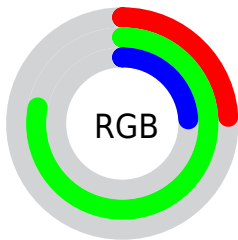
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 197, 199
Decimal	3983166
CIELab	70.98, -62.62, 55.50
CIELCh	71, 83.673, 138.453
Yxy	42.1553, 0.3016, 0.5490
Android (android.graphics.Color)	4282173246 (0xFF3CC73E)
YUV	141.8210, -39.3518, -71.7570
Hunter-Lab	64.9271, -49.9600, 34.9714

# Details

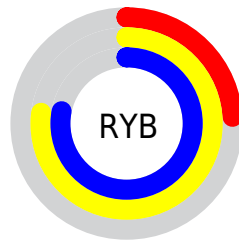
The Hex color **3CC73E** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C73CC5**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **7EFF74**, and **009000** is the 20% darker color. If you saturate the color by 10%, you get **28C72A**, and if you desaturate by 10%, it is **50C752**.

# Distribution



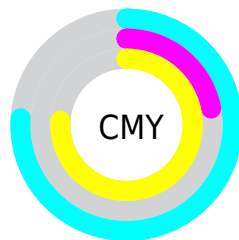
- Red (24%)
- Green (78%)
- Blue (24%)



- Red (24%)
- Yellow (77%)
- Blue (78%)



- Cyan (70%)
- Magenta (0%)
- Yellow (69%)
- Black (22%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CC73E 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 3CC73E by changing the saturation by 10% instead.



 3CC73E

 3CC73E

FFFFFF

 00AB21

 7EFF74

 009000

 9CFF8F

 007500

 BAFFAB

 005B00

 D9FFC8

 004200

 F7FFE4

 002A00

 000700

 000000

 3CC73E

 3CC73E

 28C72A

 50C752

 14C717

 64C765

 00C703

 78C779

 8CC78C

 A0C7A0

 B3C7B4

 C7C7C7

 DBC7DB

 EFC7EF

# Harmonies

## Analogous

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



A4B800



3CC73E



00CE8D

# Triad

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



3CC73E



00BFFF



FF5E82

# Complementary

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



3CC73E



C73CC5

# 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.



FF5FCF



3CC73E



64A6FF

# Square

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



3CC73E



00CCFF



EB82FF



FF7E3B

# Rectangle

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



3CC73E



00D0C2



EB82FF



FF599B

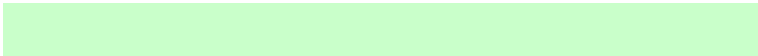


# Sweetspot

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



3CC73E



C9FFCA



C7C73C



608060



000000



808080



# Same Dimension

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



3CC73E



29FF2C



3CC782



5A635A



00A302



002401



# Inverse Universe

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



C73CC5



FF29FC



C73C82



635A63



A300A1

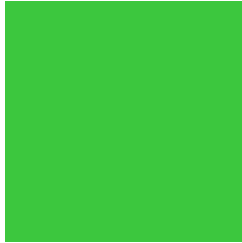


240023



# Previews

## White Background



This preview shows how the Hex color 3CC73E looks on a white background.

## Color Contrast Check

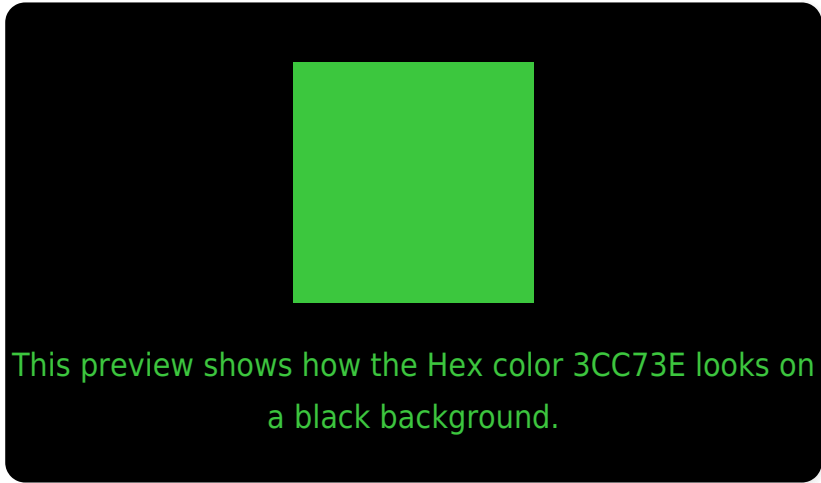
Large Text (above 18pt) WCAG AA × Fail

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 3CC73E Background



This preview shows how black text looks on a background with the Hex color 3CC73E.

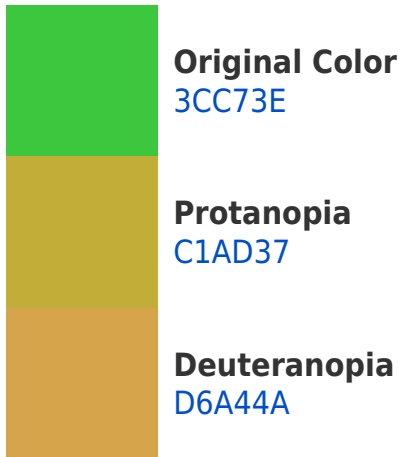


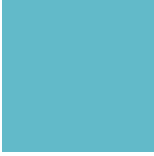
This preview shows how white text looks on a background with the Hex color 3CC73E.

# 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**  
62BAC9

# Trichromacy



**Original Color**  
3CC73E



**Protanomaly**  
91B63A



**Deuteranomaly**  
9EB146



**Tritanomaly**  
54BF96

# Monochromacy



**Original Color**  
3CC73E



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
70A371

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CC73E 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 #3CC73E looks like.

```
.text, #text, p{  
    color:#3CC73E  
}
```

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 #3CC73E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CC73E
}
```

## Border

The CSS property to change the border of an element to Hex 3CC73E 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
#3CC73E }
```

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

```
.border{ border-color:#3CC73E }
```

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

Here you see how a box with a 4 pixel #3CC73E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CC73E; -webkit-box-shadow:4px 4px  
4px 4px #3CC73E; box-shadow:4px 4px 4px  
4px #3CC73E }
```

# Background

The CSS property to change the background color of an element to Hex 3CC73E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CC73E }
```

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

```
.background{ background-color:#3CC73E }
```

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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