

Converting Colors

Hex(3CC33C)

Have a look what the booklet for
Hex(3CC33C) contains.

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Color

Hex(3CC33C)

Conversions

Conversions Part 1

Format	Color
Hex	3CC33C
RGB	60, 195, 60
RGB Percent	24%, 76%, 24%
CMY	0.7647, 0.2353, 0.7647
CMYK	0.69, 0.00, 0.69, 0.24
HSL	120°, 53%, 50%
HSV	120°, 69%, 76%
XYZ	22.1942, 40.3171, 10.8872
YIQ	139.2450, -37.1250, -70.6050

Conversions

Conversions Part 2

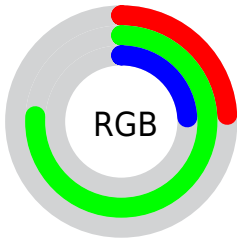
Format	Color
RYB	60, 195, 195
Decimal	3982140
CIELab	69.69, -61.48, 54.92
CIElCh	70, 82.437, 138.224
Yxy	40.3171, 0.3024, 0.5493
Android (android.graphics.Color)	4282172220 (0xFF3CC33C)
YUV	139.2450, -39.0678, -69.4979
Hunter-Lab	63.4958, -48.7250, 34.2810

Details

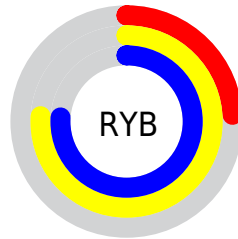
The Hex color **3CC33C** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C33CC3**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **7DFD72**, and **008C00** is the 20% darker color. If you saturate the color by 10%, you get **29C329**, and if you desaturate by 10%, it is **50C350**.

Distribution



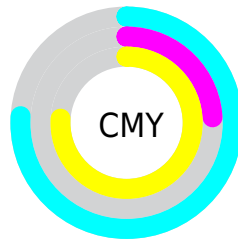
- Red (24%)
- Green (76%)
- Blue (24%)



- Red (24%)
- Yellow (76%)
- Blue (76%)



- Cyan (69%)
- Magenta (0%)
- Yellow (69%)
- Black (24%)



- Cyan (76%)
- Magenta (24%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CC33C 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 3CC33C by changing the saturation by 10% instead.

 3CC33C

 3CC33C

FFFFFF

 03A71E

 7DFD72

 008C00

 9BFF8D

 007100

 B9FFA9

 005700

 D8FFC5

 003F00

 F6FFE2

 002700

 000000

 3CC33C

 3CC33C

 29C329

 50C350

 15C315

 63C363

 02C302

 77C377

 00C300

 8AC38A

 9EC39E

 B1C3B1

 C5C3C5

 D8C3D8

 ECC3EC

Harmonies

Analogous

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



A1B500



3CC33C



00CA89

Triad

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



3CC33C



00BCFF



FF5B80

Complementary

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



3CC33C



C33CC3

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.



FF5DCB



3CC33C



60A3FF

Square

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



3CC33C



00C8FF



E580FF



FF7B3A

Rectangle

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



3CC33C



00CCBE



E580FF



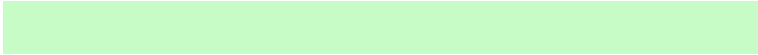
FF5799

Sweetspot

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



3CC33C



C7FCC7



C3C33C



608060



000000



808080

Same Dimension

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



3CC33C



2BFC2B



3CC380



576157



00A100



002100

Inverse Universe

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



C33CC3



FC2BFC



C33C80



615761



A100A1



210021

Previews

White Background



This preview shows how the Hex color 3CC33C looks on a white background.

Color Contrast Check

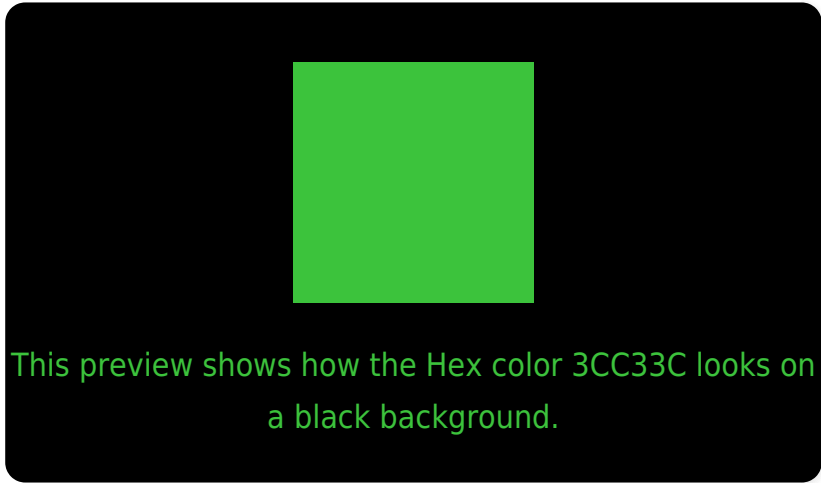
Large Text (above 18pt) WCAG AA × Fail

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 3CC33C Background



This preview shows how black text looks on a background with the Hex color 3CC33C.

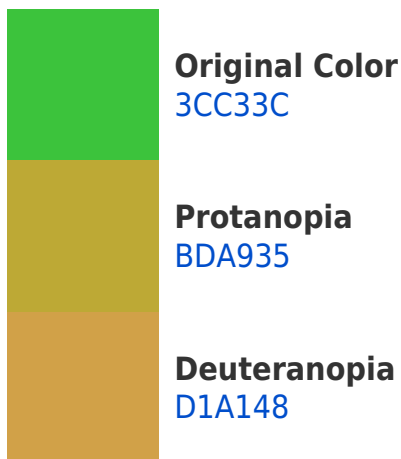


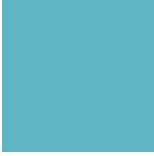
This preview shows how white text looks on a background with the Hex color 3CC33C.

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](#).

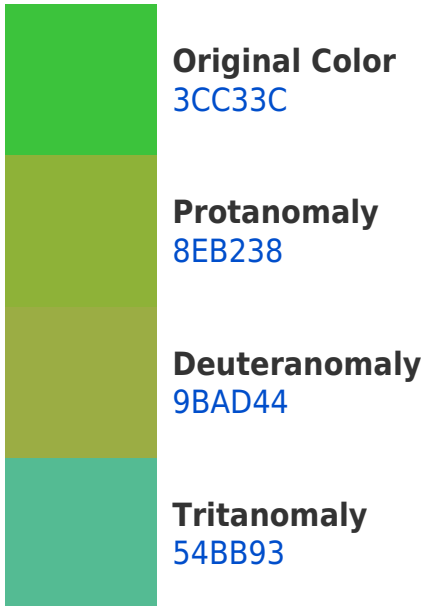
Dichromacy



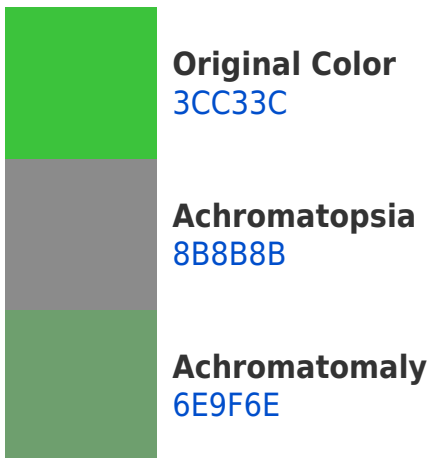


Tritanopia
61B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3CC33C 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 #3CC33C looks like.

```
.text, #text, p{  
    color:#3CC33C  
}
```

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 #3CC33C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CC33C
}
```

Border

The CSS property to change the border of an element to Hex 3CC33C 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
#3CC33C }
```

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

```
.border{ border-color:#3CC33C }
```

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

Here you see how a box with a 4 pixel #3CC33C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CC33C; -webkit-box-shadow:4px 4px  
4px 4px #3CC33C; box-shadow:4px 4px 4px  
4px #3CC33C }
```

Background

The CSS property to change the background color of an element to Hex 3CC33C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CC33C }
```

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

```
.background{ background-color:#3CC33C }
```

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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