

Converting Colors

Hex(33CC4E)

Have a look what the booklet for
Hex(33CC4E) contains.

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Color

Hex(33CC4E)

Conversions

Conversions Part 1

Format	Color
Hex	33CC4E
RGB	51, 204, 78
RGB Percent	20%, 80%, 31%
CMY	0.8000, 0.2000, 0.6941
CMYK	0.75, 0.00, 0.62, 0.20
HSL	131°, 60%, 50%
HSV	131°, 75%, 80%
XYZ	24.3333, 44.4396, 14.5029
YIQ	143.8890, -50.7420, -71.6220

Conversions

Conversions Part 2

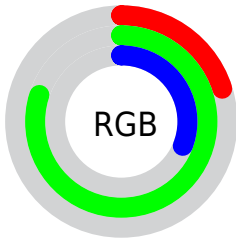
Format	Color
RYB	51, 181, 204
Decimal	3394638
CIELab	72.52, -64.07, 50.48
CIELCh	73, 81.571, 141.765
Yxy	44.4396, 0.2922, 0.5336
Android (android.graphics.Color)	4281584718 (0xFF33CC4E)
YUV	143.8890, -32.4833, -81.4637
Hunter-Lab	66.6630, -51.5045, 33.7652

Details

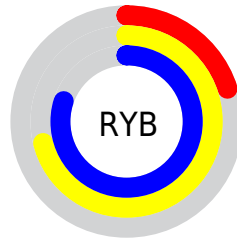
The Hex color **33CC4E** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **CC33B1**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **78FF83**, and **009415** is the 20% darker color. If you saturate the color by 10%, you get **1FCC3D**, and if you desaturate by 10%, it is **47CC5F**.

Distribution



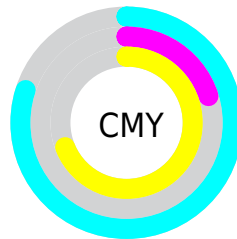
- Red (20%)
- Green (80%)
- Blue (31%)



- Red (20%)
- Yellow (71%)
- Blue (80%)



- Cyan (75%)
- Magenta (0%)
- Yellow (62%)
- Black (20%)



- Cyan (80%)
- Magenta (20%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33CC4E 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 33CC4E by changing the saturation by 10% instead.

 33CC4E

 33CC4E

FFFFFF

 00B033

 78FF83

 009415

 97FF9E

 007900

 B6FFBA

 005F00

 D4FFD7

 004600

 F3FFF4

 002F00

 001000

 000000

 33CC4E

 33CC4E

 1FCC3D

 47CC5F

 0ACC2C

 5CCC70

 00CC24

 70CC80

 85CC91

 99CCA2

 ADCCB3

 C2CCC4

 D6CCD4

 EBCCE5

Harmonies

Analogous

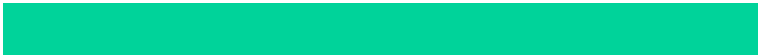
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A1BE00



33CC4E



00D39A

Triad

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



33CC4E



00C1FF



FF687F

Complementary

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



33CC4E



CC33B1

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.



FF65CA



33CC4E



84A7FF

Square

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



33CC4E



00CFFF



F784FF



FF873B

Rectangle

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



33CC4E



00D4CE



F784FF



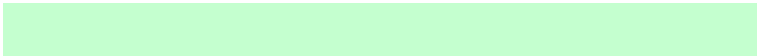
FF6398

Sweetspot

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



33CC4E



C4FFCF



B3CC33



5C8062



000000



808080

Same Dimension

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



33CC4E



19FF42



33CC99



5C665E



00A61D



002607

Inverse Universe

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



CC33B1



FF19D7



CC3366



665C64



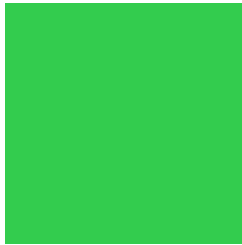
A60089



260020

Previews

White Background



This preview shows how the Hex color 33CC4E looks on a white background.

Color Contrast Check

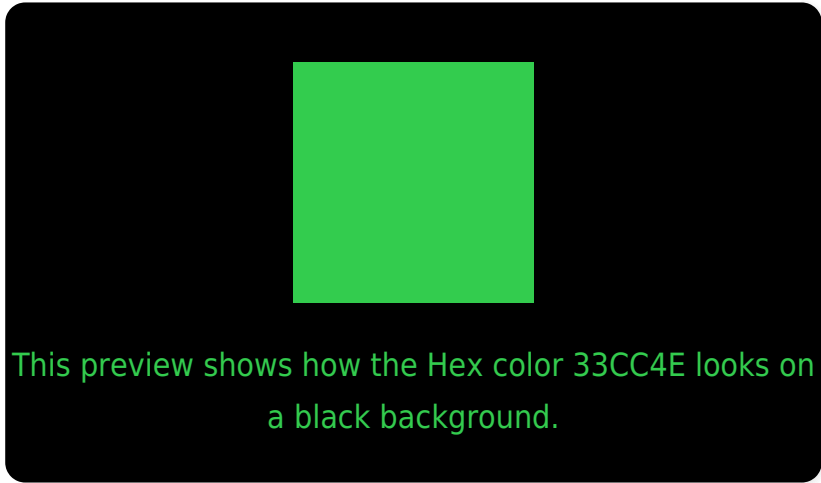
Large Text (above 18pt) WCAG AA × Fail

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 33CC4E Background



This preview shows how black text looks on a background with the Hex color 33CC4E.

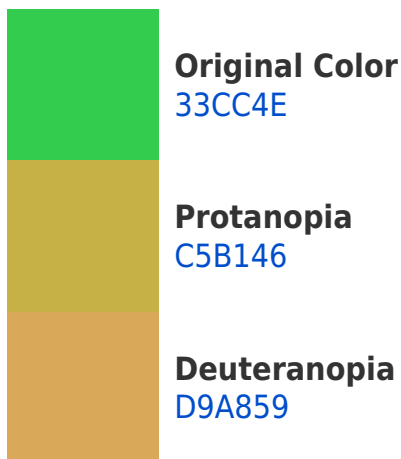


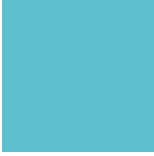
This preview shows how white text looks on a background with the Hex color 33CC4E.

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
5EBFCF

Trichromacy



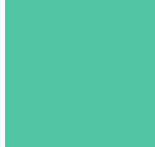
Original Color
33CC4E



Protanomaly
90BB49



Deuteranomaly
9DB555



Tritanomaly
4EC4A0

Monochromacy



Original Color
33CC4E



Achromatopsia
909090



Achromatomaly
6EA678

CSS Examples

Text

The CSS property to change the color of the text to Hex 33CC4E 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 #33CC4E looks like.

```
.text, #text, p{  
    color:#33CC4E  
}
```

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 #33CC4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33CC4E
}
```

Border

The CSS property to change the border of an element to Hex 33CC4E 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
#33CC4E }
```

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

```
.border{ border-color:#33CC4E }
```

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

Here you see how a box with a 4 pixel #33CC4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33CC4E; -webkit-box-shadow:4px 4px  
4px 4px #33CC4E; box-shadow:4px 4px 4px  
4px #33CC4E }
```

Background

The CSS property to change the background color of an element to Hex 33CC4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33CC4E }
```

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

```
.background{ background-color:#33CC4E }
```

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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