

Converting Colors

Hex(33E14C)

Have a look what the booklet for
Hex(33E14C) contains.

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Color

Hex(33E14C)

Conversions

Conversions Part 1

Format	Color
Hex	33E14C
RGB	51, 225, 76
RGB Percent	20%, 88%, 30%
CMY	0.8000, 0.1176, 0.7020
CMYK	0.77, 0.00, 0.66, 0.12
HSL	129°, 74%, 54%
HSV	129°, 77%, 88%
XYZ	29.5950, 55.0760, 15.9084
YIQ	155.9880, -55.8750, -83.2270

Conversions

Conversions Part 2

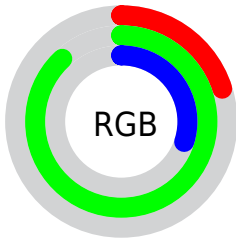
Format	Color
RYB	51, 203, 225
Decimal	3400012
CIELab	79.09, -70.96, 58.60
CIELCh	79, 92.027, 140.447
Yxy	55.0760, 0.2942, 0.5476
Android (android.graphics.Color)	4281590092 (0xFF33E14C)
YUV	155.9880, -39.4341, -92.0745
Hunter-Lab	74.2132, -58.6904, 39.2398

Details

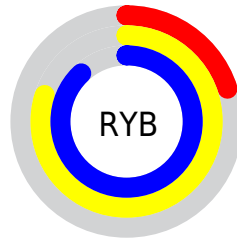
The Hex color **33E14C** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E133C8**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **7DFF83**, and **00A809** is the 20% darker color. If you saturate the color by 10%, you get **1CE139**, and if you desaturate by 10%, it is **49E15F**.

Distribution



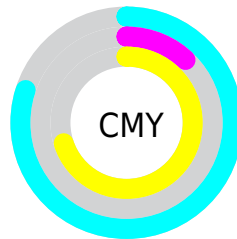
- Red (20%)
- Green (88%)
- Blue (30%)



- Red (20%)
- Yellow (80%)
- Blue (88%)



- Cyan (77%)
- Magenta (0%)
- Yellow (66%)
- Black (12%)



- Cyan (80%)
- Magenta (12%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33E14C 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 33E14C by changing the saturation by 10% instead.

 33E14C

 33E14C

FFFFFF

 00C42F

 7DFF83

 00A809

 9DFF9F

 008D00

 BDFFB

 007200

 DCFFD8

 005700

 FBFFF5

 003F00

 002600

 000000

 33E14C

 33E14C

 1CE139

 49E15F

 06E125

 60E173

 00E120

 76E186

 8DE199

 A3E1AC

 BAE1C0

 D0E1D3

 E7E1E6

 FDE1F9

Harmonies

Analogous

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



B3D100



33E14C



00E9A5

Triad

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



33E14C



00D6FF



FF6B8E

Complementary

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



33E14C



E133C8

Split Complementary

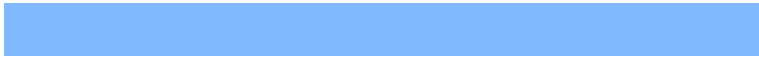
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF69E3



33E14C



81B9FF

Square

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



33E14C



00E5FF



FF8FFF



FF903D

Rectangle

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



33E14C



00EAE1



FF8FFF



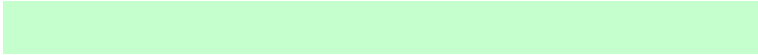
FF64AA

Sweetspot

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



33E14C



C4FFCD



CAE133



5C8061



000000



808080

Same Dimension

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



33E14C



12FF34



33E1A1



657067



00B019



003007

Inverse Universe

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



E133C8



FF12DD



E13373



70656F



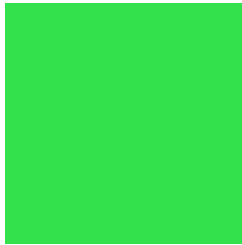
B00097



300029

Previews

White Background



This preview shows how the Hex color 33E14C 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



This preview shows how the Hex color 33E14C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

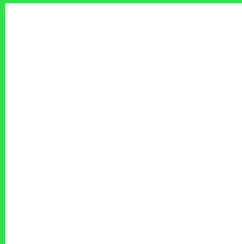
Any Text WCAG AAA ✓ Pass

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

Hex 33E14C Background



This preview shows how black text looks on a background with the Hex color 33E14C.

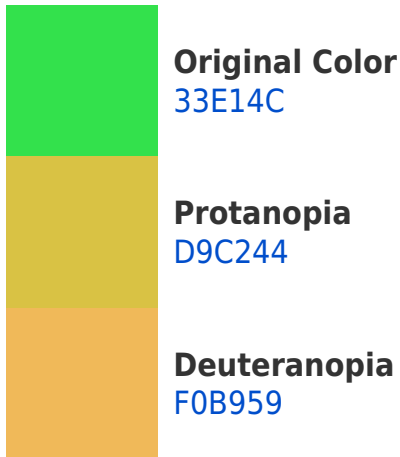


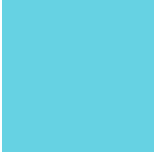
This preview shows how white text looks on a background with the Hex color 33E14C.

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](#).

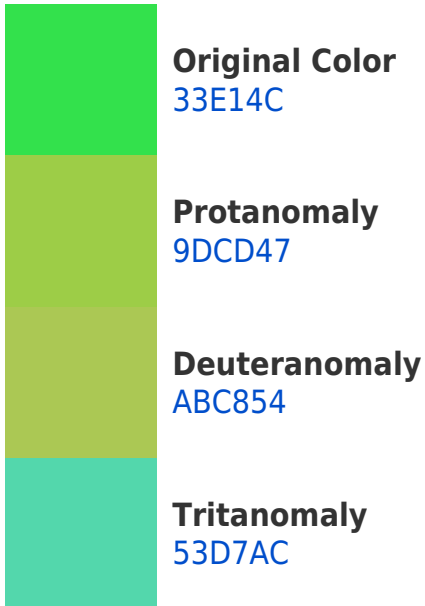
Dichromacy



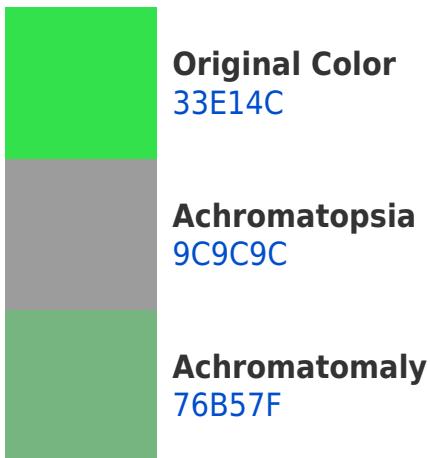


Tritanopia
66D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 33E14C 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 #33E14C looks like.

```
.text, #text, p{  
    color:#33E14C  
}
```

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 #33E14C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33E14C
}
```

Border

The CSS property to change the border of an element to Hex 33E14C 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
#33E14C }
```

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

```
.border{ border-color:#33E14C }
```

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

Here you see how a box with a 4 pixel #33E14C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33E14C; -webkit-box-shadow:4px 4px  
4px 4px #33E14C; box-shadow:4px 4px 4px  
4px #33E14C }
```

Background

The CSS property to change the background color of an element to Hex 33E14C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33E14C }
```

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

```
.background{ background-color:#33E14C }
```

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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