

Converting Colors

Hex(33EA6A)

Have a look what the booklet for
Hex(33EA6A) contains.

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Color

Hex(33EA6A)

Conversions

Conversions Part 1

Format	Color
Hex	33EA6A
RGB	51, 234, 106
RGB Percent	20%, 92%, 42%
CMY	0.8000, 0.0824, 0.5843
CMYK	0.78, 0.00, 0.55, 0.08
HSL	138°, 81%, 56%
HSV	138°, 78%, 92%
XYZ	33.3896, 60.5901, 23.5709
YIQ	164.6910, -67.9800, -78.6040

Conversions

Conversions Part 2

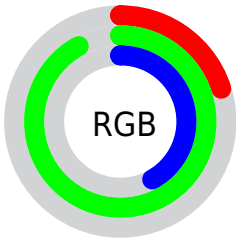
Format	Color
RYB	51, 192, 234
Decimal	3402346
CIELab	82.16, -70.30, 49.15
CIELCh	82, 85.773, 145.039
Yxy	60.5901, 0.2840, 0.5154
Android (android.graphics.Color)	4281592426 (0xFF33EA6A)
YUV	164.6910, -28.9347, -99.7070
Hunter-Lab	77.8396, -59.6511, 36.5339

Details

The Hex color **33EA6A** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark washed spring green. A complement of this color would be **EA33B3**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **7EFFA0**, and **00B135** is the 20% darker color. If you saturate the color by 10%, you get **1CEA5A**, and if you desaturate by 10%, it is **4AEA7A**.

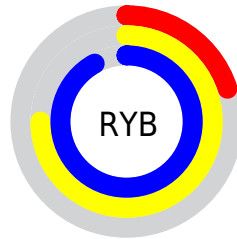
Distribution



Red (20%)

Green (92%)

Blue (42%)



Red (20%)

Yellow (75%)

Blue (92%)

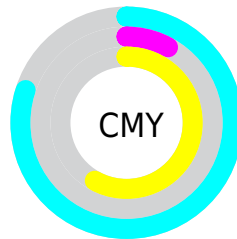


Cyan (78%)

Magenta (0%)

Yellow (55%)

Black (8%)



Cyan (80%)

Magenta (8%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33EA6A 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 33EA6A by changing the saturation by 10% instead.

 33EA6A

 33EA6A


FFFFFF

 00CD50

 7EFFA0

 00B135

 9EFFBC

 009518

 BEFFD8

 007A00

 DDDFF5

 005F00

 FDDFFF

 004600

 002E00

 000E00

 000000

 33EA6A

 33EA6A

 1CEA5A

 4AEA7A

 04EA49

 62EA8B

 00EA46

 79EA9B

 91EAAB

 A8EABC

 BFEACC

 D7EADD

 EEEAED

 FFEAFD

Harmonies

Analogous

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



B2DC1B



33EA6A



00F1BC

Triad

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



33EA6A



00DAFF



FF828D

Complementary

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



33EA6A



EA33B3

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.



FF7BDD



33EA6A



B0BDFE

Square

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



33EA6A



00EBFF



FF97FF



FFA345

Rectangle

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



33EA6A



00F2F4



FF97FF



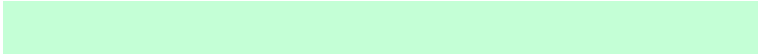
FF7CA7

Sweetspot

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



33EA6A



C4FFD6



B3EA33



5C8067



000000



808080

Same Dimension

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



33EA6A



0FFF57



33EAC5



6A756D



00B536



003610

Inverse Universe

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



EA33B3



FF0FB7



EA3358



756A72



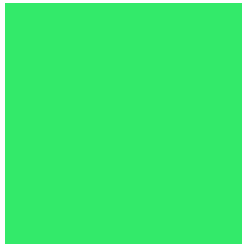
B5007F



360025

Previews

White Background



This preview shows how the Hex color 33EA6A 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 33EA6A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

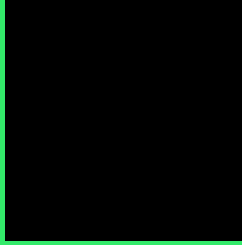
Any Text WCAG AA ✓ Pass

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 33EA6A Background



This preview shows how black text looks on a background with the Hex color 33EA6A.

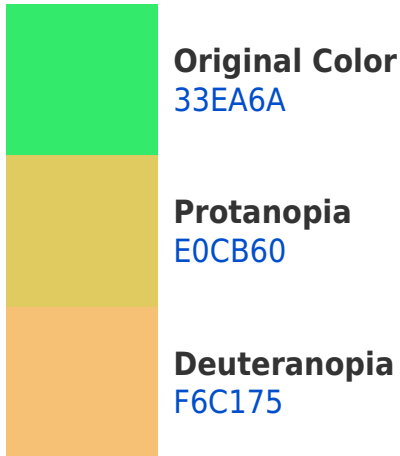


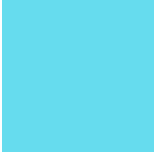
This preview shows how white text looks on a background with the Hex color 33EA6A.

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
66DCEE

Trichromacy



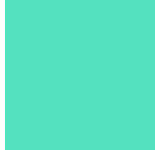
Original Color
33EA6A



Protanomaly
A1D664



Deuteranomaly
AFD071



Tritanomaly
53E1BE

Monochromacy



Original Color
33EA6A



Achromatopsia
A5A5A5



Achromatomaly
7CBE90

CSS Examples

Text

The CSS property to change the color of the text to Hex 33EA6A 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 #33EA6A looks like.

```
.text, #text, p{  
    color:#33EA6A  
}
```

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 #33EA6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33EA6A
}
```

Border

The CSS property to change the border of an element to Hex 33EA6A 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
#33EA6A }
```

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

```
.border{ border-color:#33EA6A }
```

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

Here you see how a box with a 4 pixel #33EA6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33EA6A; -webkit-box-shadow:4px 4px  
4px 4px #33EA6A; box-shadow:4px 4px 4px  
4px #33EA6A }
```

Background

The CSS property to change the background color of an element to Hex 33EA6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33EA6A }
```

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

```
.background{ background-color:#33EA6A }
```

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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