

Converting Colors

Hex(33F56E)

Have a look what the booklet for
Hex(33F56E) contains.

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Color

Hex(33F56E)

Conversions

Conversions Part 1

Format	Color
Hex	33F56E
RGB	51, 245, 110
RGB Percent	20%, 96%, 43%
CMY	0.8000, 0.0392, 0.5686
CMYK	0.79, 0.00, 0.55, 0.04
HSL	138°, 91%, 58%
HSV	138°, 79%, 96%
XYZ	36.8321, 67.1344, 25.7688
YIQ	171.6040, -72.2890, -83.1130

Conversions

Conversions Part 2

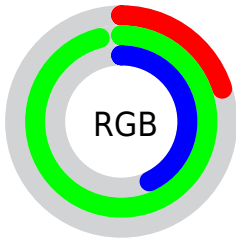
Format	Color
R _{YB}	51, 200, 245
Decimal	3405166
CIE Lab	85.57, -73.28, 51.41
CIE LCh	86, 89.516, 144.947
Yxy	67.1344, 0.2839, 0.5175
Android (android.graphics.Color)	4281595246 (0xFF33F56E)
YUV	171.6040, -30.3708, -105.7697
Hunter-Lab	81.9356, -63.1470, 38.7081

Details

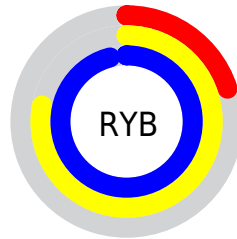
The Hex color **33F56E** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **F533BA**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **81FFA4**, and **00BB39** is the 20% darker color. If you saturate the color by 10%, you get **1AF55D**, and if you desaturate by 10%, it is **4CF57F**.

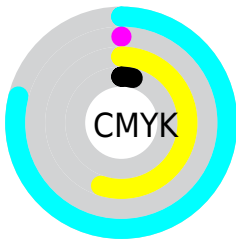
Distribution



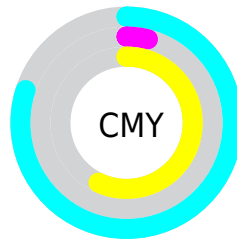
- Red (20%)
- Green (96%)
- Blue (43%)



- Red (20%)
- Yellow (78%)
- Blue (96%)



- Cyan (79%)
- Magenta (0%)
- Yellow (55%)
- Black (4%)



- Cyan (80%)
- Magenta (4%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33F56E 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 33F56E by changing the saturation by 10% instead.

 33F56E

 33F56E

FFFFFF

 00D853

 81FFA4

 00BB39

 A1FFC0

 009F1B

 C1FFDD

 008400

 E1FFFA

 006900

 004F00

 003700

 001C00

 000000

 33F56E

 33F56E

 1AF55D

 4CF57F

 02F54C

 64F590

 00F54B

 7DF5A1

 95F5B2

 AEF5C3

 C6F5D4

 DFF5E5

 F7F5F6

 FFF5FF

Harmonies

Analogous

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



BAE619



33F56E



00FCC4

Triad

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



33F56E



00E4FF



FF8794

Complementary

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



33F56E



F533BA

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.



FF80E8



33F56E



B7C6FF

Square

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



33F56E



00F6FF



FF9EFF



FFAA48

Rectangle

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



33F56E



00DFFF



FF9EFF



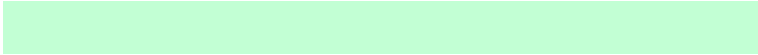
FF80AF

Sweetspot

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



33F56E



C2FFD4



BBF533



5B8066



000000



808080

Same Dimension

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



33F56E



0DFF56



33F5CE



6E7A72



00BA39



003B12

Inverse Universe

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



F533BA



FF0DB5



F5335A



7A6E77



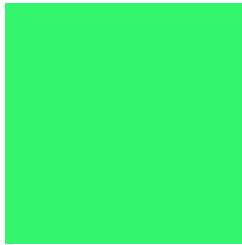
BA0082



3B0029

Previews

White Background



This preview shows how the Hex color 33F56E looks on a white background.

Color Contrast Check

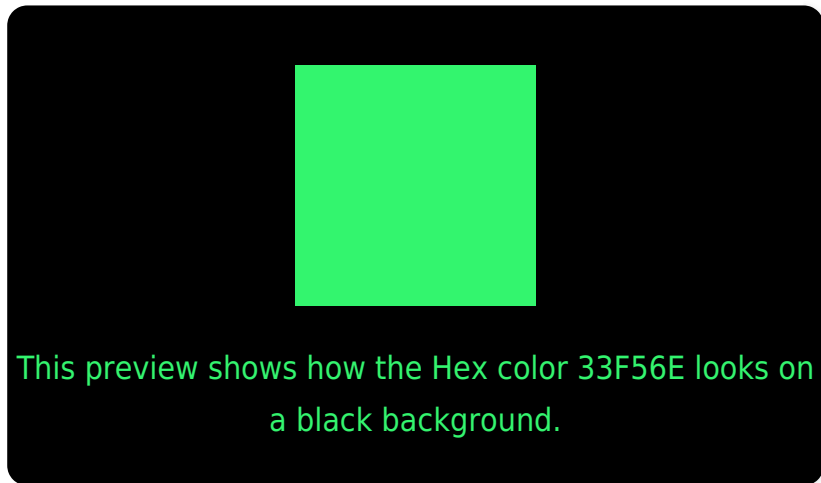
Large Text (above 18pt) WCAG AA × Fail

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 33F56E Background



This preview shows how black text looks on a background with the Hex color 33F56E.

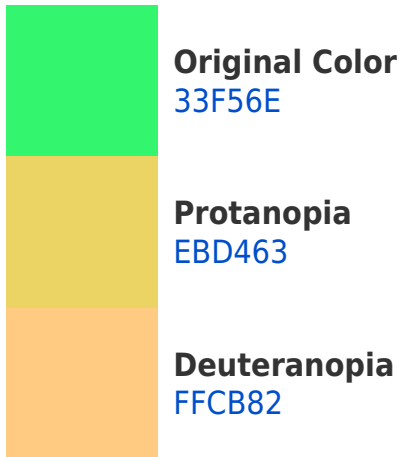


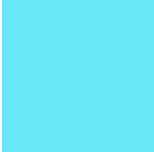
This preview shows how white text looks on a background with the Hex color 33F56E.

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](#).

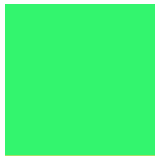
Dichromacy





Tritanopia
6AE6F9

Trichromacy



Original Color
33F56E



Protanomaly
A8E067



Deuteranomaly
B5DA7B



Tritanomaly
56EBC6

Monochromacy



Original Color
33F56E



Achromatopsia
ACACAC



Achromatomaly
80C795

CSS Examples

Text

The CSS property to change the color of the text to Hex 33F56E 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 #33F56E looks like.

```
.text, #text, p{  
    color:#33F56E  
}
```

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 #33F56E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33F56E
}
```

Border

The CSS property to change the border of an element to Hex 33F56E 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
#33F56E }
```

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

```
.border{ border-color:#33F56E }
```

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

Here you see how a box with a 4 pixel #33F56E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33F56E; -webkit-box-shadow:4px 4px  
4px 4px #33F56E; box-shadow:4px 4px 4px  
4px #33F56E }
```

Background

The CSS property to change the background color of an element to Hex 33F56E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33F56E }
```

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

```
.background{ background-color:#33F56E }
```

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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