

Converting Colors

Hex(33FF69)

Have a look what the booklet for
Hex(33FF69) contains.

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Color

Hex(33FF69)

Conversions

Conversions Part 1

Format	Color
Hex	33FF69
RGB	51, 255, 105
RGB Percent	20%, 100%, 41%
CMY	0.8000, 0.0000, 0.5882
CMYK	0.80, 0.00, 0.59, 0.00
HSL	136°, 100%, 60%
HSV	136°, 80%, 100%
XYZ	39.6750, 73.2437, 25.4110
YIQ	176.9040, -73.4340, -89.8980

Conversions

Conversions Part 2

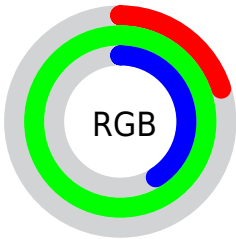
Format	Color
RYB	51, 212, 255
Decimal	3407721
CIELab	88.56, -77.03, 57.15
CIELCh	89, 95.913, 143.429
Yxy	73.2437, 0.2868, 0.5295
Android (android.graphics.Color)	4281597801 (0xFF33FF69)
YUV	176.9040, -35.4487, -110.4178
Hunter-Lab	85.5825, -67.0190, 42.3035

Details

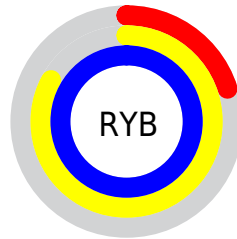
The Hex color **33FF69** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **FF33C9**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **83FFA0**, and **00C531** is the 20% darker color. If you saturate the color by 10%, you get **19FF56**, and if you desaturate by 10%, it is **4DFF7C**.

Distribution



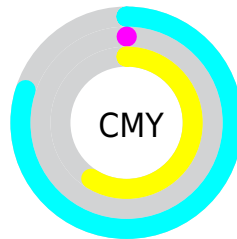
- Red (20%)
- Green (100%)
- Blue (41%)



- Red (20%)
- Yellow (83%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (59%)
- Black (0%)



- Cyan (80%)
- Magenta (0%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33FF69 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 33FF69 by changing the saturation by 10% instead.

 33FF69

 33FF69

FFFFFF

 00E24E


 83FFA0

 00C531

 A4FFBC

 00A80E

 C5FFD9

 008C00

 E5FFF6

 007100

 005700

 003E00

 002400

 000000

 33FF69

 33FF69

 19FF56

 4DFF7C

 00FF43

 66FF8F

 80FFA1

 99FFB4

 B3FFC7

 CCFFDA

 E6FFEC

FFFFFF

Harmonies

Analogous

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



C4EF00



33FF69



00FFC6

Triad

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



33FF69



00FFFF



FF869B

Complementary

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



33FF69



FF33C9

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.



FF80F7



33FF69



B1CFFF

Square

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



33FF69



00FFFF



FFA3FF



FFAC48

Rectangle

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



33FF69



00FFFF



FFA3FF



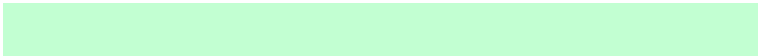
FF7EB9

Sweetspot

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



33FF69



C2FFD2



CCFF33



5B8064



000000



808080

Same Dimension

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



33FF69



0AFF4B



33FFCC



738076



00BF33



004011

Inverse Universe

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



FF33C9



FF0ABE



FF3366



80737C



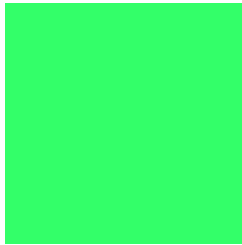
BF008D



40002F

Previews

White Background



This preview shows how the Hex color 33FF69 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 33FF69 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 33FF69 Background



This preview shows how black text looks on a background with the Hex color 33FF69.

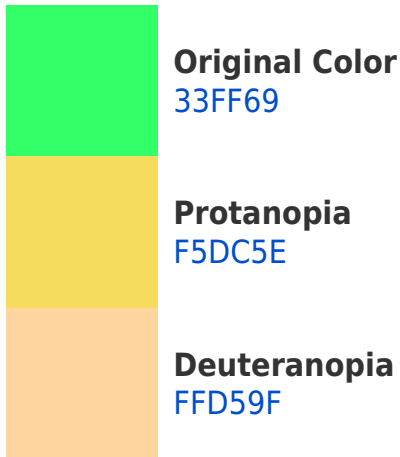


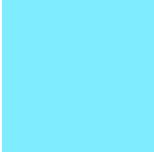
This preview shows how white text looks on a background with the Hex color 33FF69.

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
7FEDFF

Trichromacy



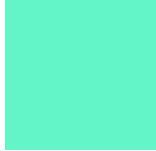
Original Color
33FF69



Protanomaly
AEE962

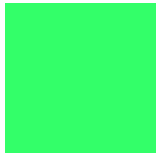


Deuteranomaly
B5E48B

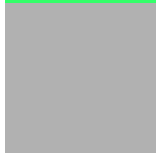


Tritanomaly
63F4C8

Monochromacy



Original Color
33FF69



Achromatopsia
B1B1B1



Achromatomaly
83CD97

CSS Examples

Text

The CSS property to change the color of the text to Hex 33FF69 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 #33FF69 looks like.

```
.text, #text, p{  
    color:#33FF69  
}
```

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 #33FF69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33FF69
}
```

Border

The CSS property to change the border of an element to Hex 33FF69 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
#33FF69 }
```

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

```
.border{ border-color:#33FF69 }
```

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

Here you see how a box with a 4 pixel #33FF69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33FF69; -webkit-box-shadow:4px 4px  
4px 4px #33FF69; box-shadow:4px 4px 4px  
4px #33FF69 }
```

Background

The CSS property to change the background color of an element to Hex 33FF69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33FF69 }
```

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

```
.background{ background-color:#33FF69 }
```

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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