

Converting Colors

Hex(34FD49)

Have a look what the booklet for
Hex(34FD49) contains.

Hex(34FD49)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(34FD49)

Conversions

Conversions Part 1

Format	Color
Hex	34FD49
RGB	52, 253, 73
RGB Percent	20%, 99%, 29%
CMY	0.7961, 0.0078, 0.7137
CMYK	0.79, 0.00, 0.71, 0.01
HSL	126°, 98%, 60%
HSV	126°, 79%, 99%
XYZ	37.7441, 71.4617, 18.1075
YIQ	172.3810, -62.0160, -98.5920

Conversions

Conversions Part 2

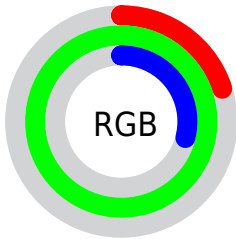
Format	Color
RYB	52, 234, 253
Decimal	3472713
CIELab	87.71, -79.51, 68.82
CIELCh	88, 105.158, 139.119
Yxy	71.4617, 0.2965, 0.5613
Android (android.graphics.Color)	4281662793 (0xFF34FD49)
YUV	172.3810, -48.9948, -105.5741
Hunter-Lab	84.5350, -68.2377, 46.4745

Details

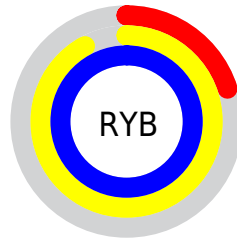
The Hex color **34FD49** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **FD34E8**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **84FF83**, and **00C300** is the 20% darker color. If you saturate the color by 10%, you get **1BFD32**, and if you desaturate by 10%, it is **4DFD60**.

Distribution



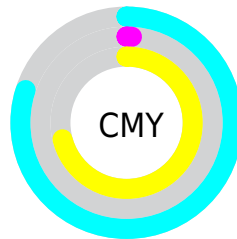
- Red (20%)
- Green (99%)
- Blue (29%)



- Red (20%)
- Yellow (92%)
- Blue (99%)



- Cyan (79%)
- Magenta (0%)
- Yellow (71%)
- Black (1%)



- Cyan (80%)
- Magenta (1%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34FD49 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 34FD49 by changing the saturation by 10% instead.

 34FD49

FFFFFF

 84FF83

 A6FF9F

 C6FFBC

 E6FFD9

 FFFFF7

 34FD49

 00E028

 00C300


 00A600

 008B00

 006F00

 005500

 003D00

 002200

 000000

 34FD49

 34FD49

 1BFD32

 4DFD60

 01FD1C

 67FD76

 00FD1A

 80FD8D

 99FDA4

 B3FD8A

 CCFDD1

 E5FDE8

 FEFDFE

 FFFDFF

Harmonies

Analogous

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



CBEA00



34FD49



00FFB3

Triad

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



34FD49



00F3FF



FF6EA1

Complementary

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



34FD49



FD34E8

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.



FF6EFF



34FD49



79D1FF

Square

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



34FD49



00FFFF



FFA0FF



FF9C41

Rectangle

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



34FD49



00FFF9



FFA0FF



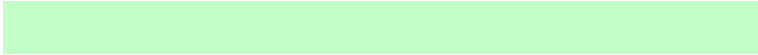
FF66C2

Sweetspot

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



34FD49



C2FFC8



E9FD34



5B805E



000000



808080

Same Dimension

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



34FD49



0DFF26



34FDAD



738074



00BF14



004007

Inverse Universe

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



FD34E8



FF0DE6



FD3484



80737E



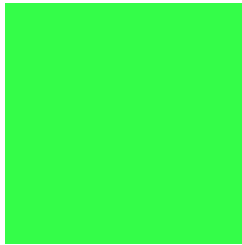
BF00AB



400039

Previews

White Background



This preview shows how the Hex color 34FD49 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 34FD49 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 34FD49 Background



This preview shows how black text looks on a background with the Hex color 34FD49.

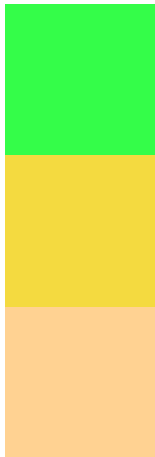


This preview shows how white text looks on a background with the Hex color 34FD49.

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



Original Color
E67E22

Protanopia
F4D03F

Deuteranopia
F7DC6F



Tritanopia
73ECFF

Trichromacy



Original Color
34FD49



Protanomaly
AEE743

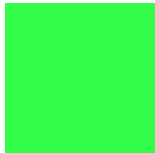


Deuteranomaly
B5E277

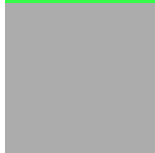


Tritanomaly
5CF2BD

Monochromacy



Original Color
34FD49



Achromatopsia
ACACAC



Achromatomaly
80C988

CSS Examples

Text

The CSS property to change the color of the text to Hex 34FD49 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 #34FD49 looks like.

```
.text, #text, p{  
    color:#34FD49  
}
```

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 #34FD49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34FD49
}
```

Border

The CSS property to change the border of an element to Hex 34FD49 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
#34FD49 }
```

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

```
.border{ border-color:#34FD49 }
```

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

Here you see how a box with a 4 pixel #34FD49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34FD49; -webkit-box-shadow:4px 4px  
4px 4px #34FD49; box-shadow:4px 4px 4px  
4px #34FD49 }
```

Background

The CSS property to change the background color of an element to Hex 34FD49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34FD49 }
```

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

```
.background{ background-color:#34FD49 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor