

Converting Colors

Hex(35FE4D)

Have a look what the booklet for
Hex(35FE4D) contains.

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Color

Hex(35FE4D)

Conversions

Conversions Part 1

Format	Color
Hex	35FE4D
RGB	53, 254, 77
RGB Percent	21%, 100%, 30%
CMY	0.7922, 0.0039, 0.6980
CMYK	0.79, 0.00, 0.70, 0.00
HSL	127°, 99%, 60%
HSV	127°, 79%, 100%
XYZ	38.2496, 72.1763, 18.9366
YIQ	173.7230, -62.9790, -97.6590

Conversions

Conversions Part 2

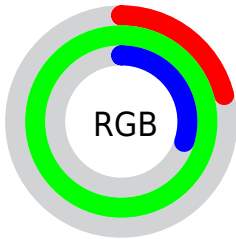
Format	Color
RYB	53, 233, 254
Decimal	3538509
CIELab	88.05, -79.36, 67.76
CIELCh	88, 104.355, 139.506
Yxy	72.1763, 0.2957, 0.5579
Android (android.graphics.Color)	4281728589 (0xFF35FE4D)
YUV	173.7230, -47.6844, -105.8741
Hunter-Lab	84.9567, -68.3091, 46.2540

Details

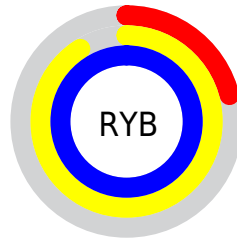
The Hex color **35FE4D** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **FE35E6**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **85FF86**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **1CFE37**, and if you desaturate by 10%, it is **4EFE63**.

Distribution



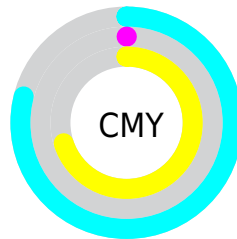
- Red (21%)
- Green (100%)
- Blue (30%)



- Red (21%)
- Yellow (91%)
- Blue (100%)



- Cyan (79%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)



- Cyan (79%)
- Magenta (0%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35FE4D 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 35FE4D by changing the saturation by 10% instead.

 35FE4D

 35FE4D

FFFFFF

 00E12E

 85FF86

 00C400

 A6FFA3

 00A700

 C7FFC0

 008B00

 E7FFDD

 007000

 FFFFFA

 005600

 003E00

 002300

 000000

 35FE4D

 35FE4D

 1CFE37

 4EFE63

 02FE20

 68FE7A

 00FE1E

 81FE90

 9BFEA6

 B4FEBD

 CDFED3

 E7FEEA

FFFEFF

Harmonies

Analogous

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



CBEC00



35FE4D



00FFB5

Triad

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



35FE4D



00F3FF



FF71A1

Complementary

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



35FE4D



FE35E6

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.



FF71FF



35FE4D



81D2FF

Square

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



35FE4D



00FFFF



FFA1FF



FF9F42

Rectangle

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



35FE4D



00FFFB



FFA1FF



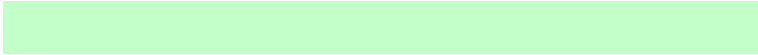
FF69C2

Sweetspot

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



35FE4D



C2FFC9



E7FE35



5B805F



000000



808080

Same Dimension

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



35FE4D



0DFF2A



35FEB1



738074



00BF17



004008

Inverse Universe

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



FE35E6



FF0DE2



FE3582



80737E



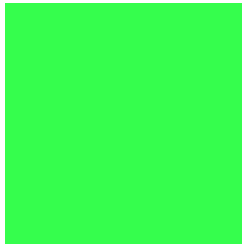
BF00A8



400038

Previews

White Background



This preview shows how the Hex color 35FE4D 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 35FE4D 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 35FE4D Background



This preview shows how black text looks on a background with the Hex color 35FE4D.

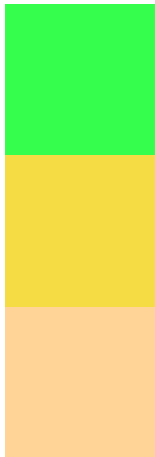


This preview shows how white text looks on a background with the Hex color 35FE4D.

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](#).

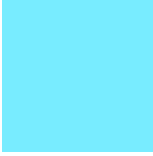
Dichromacy



Original Color
E67E22

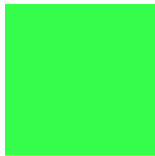
Protanopia
F5DB44

Deuteranopia
FFD496



Tritanopia
78ECFF

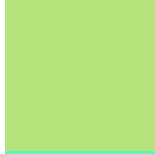
Trichromacy



Original Color
35FE4D



Protanomaly
AFE847

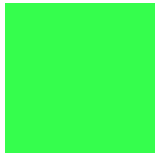


Deuteranomaly
B6E37B

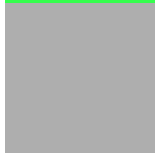


Tritanomaly
60F3BE

Monochromacy



Original Color
35FE4D



Achromatopsia
AEAEAE



Achromatomaly
82CB8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 35FE4D 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 #35FE4D looks like.

```
.text, #text, p{  
    color:#35FE4D  
}
```

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 #35FE4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35FE4D
}
```

Border

The CSS property to change the border of an element to Hex 35FE4D 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
#35FE4D }
```

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

```
.border{ border-color:#35FE4D }
```

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

Here you see how a box with a 4 pixel #35FE4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35FE4D; -webkit-box-shadow:4px 4px  
4px 4px #35FE4D; box-shadow:4px 4px 4px  
4px #35FE4D }
```

Background

The CSS property to change the background color of an element to Hex 35FE4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35FE4D }
```

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

```
.background{ background-color:#35FE4D }
```

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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