

Converting Colors

Hex(3FED33)

Have a look what the booklet for
Hex(3FED33) contains.

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Color

Hex(3FED33)

Conversions

Conversions Part 1

Format	Color
Hex	3FED33
RGB	63, 237, 51
RGB Percent	25%, 93%, 20%
CMY	0.7529, 0.0706, 0.8000
CMYK	0.73, 0.00, 0.78, 0.07
HSL	116°, 84%, 56%
HSV	116°, 78%, 93%
XYZ	32.9316, 61.8642, 13.3373
YIQ	163.7700, -43.9980, -94.7340

Conversions

Conversions Part 2

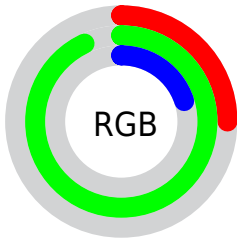
Format	Color
RYB	51, 237, 225
Decimal	4189491
CIELab	82.84, -74.86, 71.09
CIELCh	83, 103.236, 136.480
Yxy	61.8642, 0.3045, 0.5721
Android (android.graphics.Color)	4282379571 (0xFF3FED33)
YUV	163.7700, -55.5956, -88.3753
Hunter-Lab	78.6538, -62.9077, 45.0039

Details

The Hex color **3FED33** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **E133ED**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **88FF70**, and **00B300** is the 20% darker color. If you saturate the color by 10%, you get **29ED1B**, and if you desaturate by 10%, it is **55ED4B**.

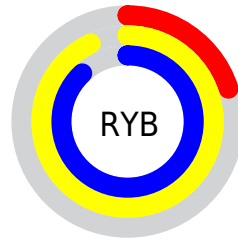
Distribution



Red (25%)

Green (93%)

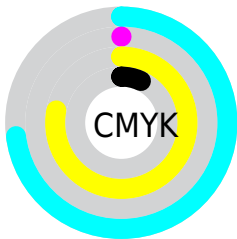
Blue (20%)



Red (20%)

Yellow (93%)

Blue (88%)

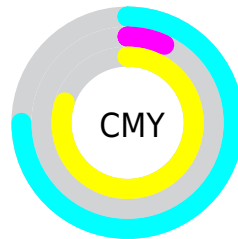


Cyan (73%)

Magenta (0%)

Yellow (78%)

Black (7%)



Cyan (75%)

Magenta (7%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FED33 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 3FED33 by changing the saturation by 10% instead.

 3FED33

 3FED33

FFFFFF

 00D001

 88FF70

 00B300

 A8FF8C

 009800

 C8FFA9

 007C00

 E8FFC6

 006200

 FFFF E3

 004800

 002F00

 001200

 000000

 3FED33

 3FED33

 29ED1B

 55ED4B

 13ED04

 6BED62

 0FED00

 82ED7A

 98ED92

 AEEDA9

 C4EDC1

 DAEDD9

 F0EDF1

 FFEDFF

Harmonies

Analogous

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



C6DA00



3FED33



00F69D

Triad

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



3FED33



00E6FF



FF5D9D

Complementary

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



3FED33



E133ED

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.



FF64FE



3FED33



3EC8FF

Square

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



3FED33



00F5FF



FF98FF



FF8C40

Rectangle

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



3FED33



00F9E1



FF98FF



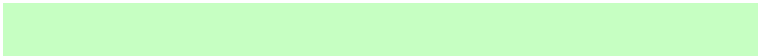
FF57BE

Sweetspot

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



3FED33



C6FFC2



EDE133



5D805B



000000



808080

Same Dimension

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



3FED33



1FFF0F



33ED84



6A756A



0CB500



033600

Inverse Universe

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



E133ED



F00FFB



ED339C



756A75



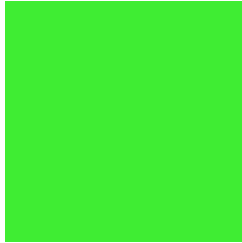
A900B5



320036

Previews

White Background



This preview shows how the Hex color 3FED33 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 3FED33 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

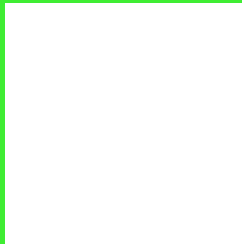
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3FED33 Background



This preview shows how black text looks on a background with the Hex color 3FED33.

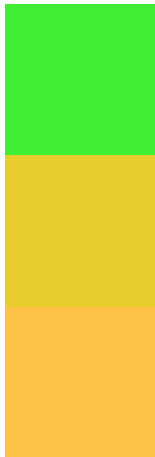


This preview shows how white text looks on a background with the Hex color 3FED33.

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](#).

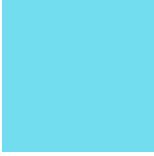
Dichromacy



Original Color
3FED33

Protanopia
E6CD2B

Deuteranopia
FFC248



Tritanopia
72DDEF

Trichromacy



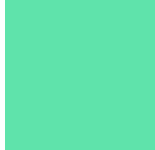
Original Color
3FED33



Protanomaly
A9D92E



Deuteranomaly
B9D240

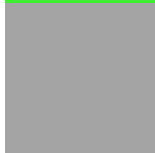


Tritanomaly
5FE3AB

Monochromacy



Original Color
3FED33



Achromatopsia
A4A4A4



Achromatomaly
7FBF7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FED33 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 #3FED33 looks like.

```
.text, #text, p{  
    color:#3FED33  
}
```

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 #3FED33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FED33
}
```

Border

The CSS property to change the border of an element to Hex 3FED33 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
#3FED33 }
```

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

```
.border{ border-color:#3FED33 }
```

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

Here you see how a box with a 4 pixel #3FED33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FED33; -webkit-box-shadow:4px 4px  
4px 4px #3FED33; box-shadow:4px 4px 4px  
4px #3FED33 }
```

Background

The CSS property to change the background color of an element to Hex 3FED33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FED33 }
```

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

```
.background{ background-color:#3FED33 }
```

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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