

Converting Colors

Hex(4FF33B)

Have a look what the booklet for
Hex(4FF33B) contains.

Hex(4FF33B)	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(4FF33B)

Conversions

Conversions Part 1

Format	Color
Hex	4FF33B
RGB	79, 243, 59
RGB Percent	31%, 95%, 23%
CMY	0.6902, 0.0471, 0.7686
CMYK	0.67, 0.00, 0.76, 0.05
HSL	113°, 88%, 59%
HSV	113°, 76%, 95%
XYZ	36.0645, 66.0792, 14.9914
YIQ	172.9880, -38.6800, -91.9920

Conversions

Conversions Part 2

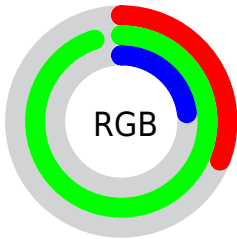
Format	Color
RYB	59, 243, 223
Decimal	5239611
CIELab	85.04, -73.52, 70.93
CIELCh	85, 102.159, 136.030
Yxy	66.0792, 0.3079, 0.5641
Android (android.graphics.Color)	4283429691 (0xFF4FF33B)
YUV	172.9880, -56.1961, -82.4275
Hunter-Lab	81.2891, -63.0633, 45.9680

Details

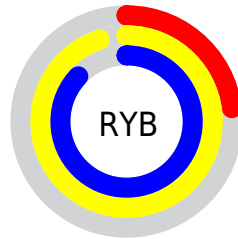
The Hex color **4FF33B** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **DF3BF3**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **94FF76**, and **00B900** is the 20% darker color. If you saturate the color by 10%, you get **39F323**, and if you desaturate by 10%, it is **65F353**.

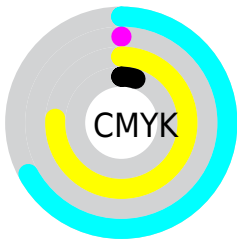
Distribution



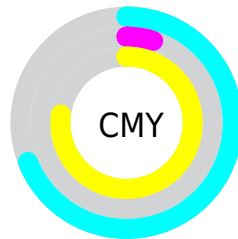
- Red (31%)
- Green (95%)
- Blue (23%)



- Red (23%)
- Yellow (95%)
- Blue (87%)



- Cyan (67%)
- Magenta (0%)
- Yellow (76%)
- Black (5%)



- Cyan (69%)
- Magenta (5%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FF33B 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 4FF33B by changing the saturation by 10% instead.

 4FF33B

FFFFFF

 94FF76


 B3FF93

 D3FFB0

 F2FFCD

 FFFFEA

 4FF33B

 1ED613

 00B900

 009D00

 008200

 006700

 004D00

 003500

 001A00

 000000

 4FF33B

 4FF33B

 39F323

 65F353

 24F30A

 7AF36C

 1AF300

 90F384

 A6F39C

 BBF3B5

 D1F3CD

 E7F3E5

 FCF3FD

 FFF3FF

Harmonies

Analogous

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



CEE000



4FF33B



00FDA2

Triad

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



4FF33B



00EDFF



FF68A5

Complementary

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



4FF33B



DF3BF3

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.



FF6FFF



4FF33B



4BCEFF

Square

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



4FF33B



00FBFF



FFA0FF



FF9249

Rectangle

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



4FF33B



00FFE6



FFA0FF



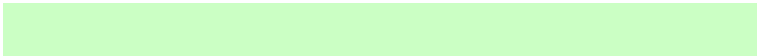
FF62C5

Sweetspot

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



4FF33B



CBFFC4



F3DE3B



60805C



000000



808080

Same Dimension

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



4FF33B



30FF17



3BF382



6F7A6E



14BA00



063B00

Inverse Universe

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



DF3BF3



E617FF



F33BAC



796E7A



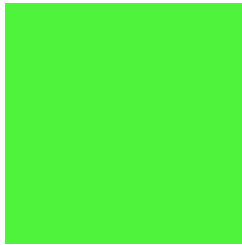
A600BA



34003B

Previews

White Background



This preview shows how the Hex color 4FF33B looks on a white background.

Color Contrast Check

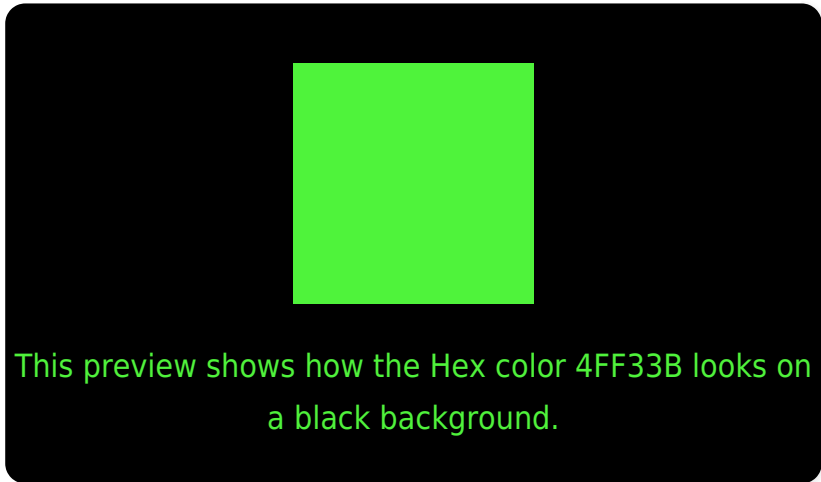
Large Text (above 18pt) WCAG AA × Fail

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

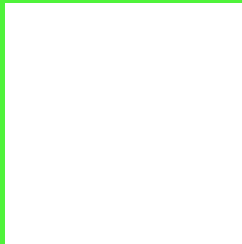
Any Text WCAG AAA ✓ Pass

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

Hex 4FF33B Background



This preview shows how black text looks on a background with the Hex color 4FF33B.

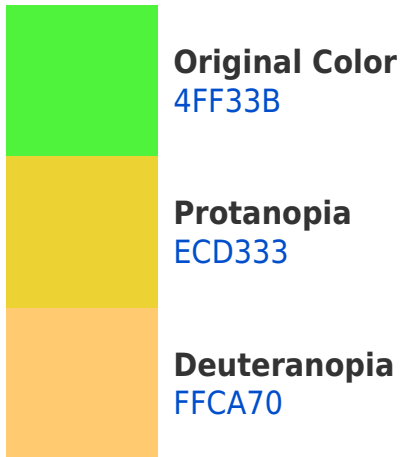


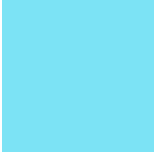
This preview shows how white text looks on a background with the Hex color 4FF33B.

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](#).

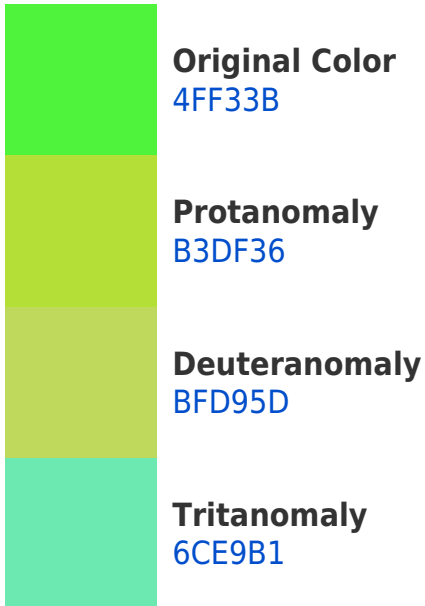
Dichromacy



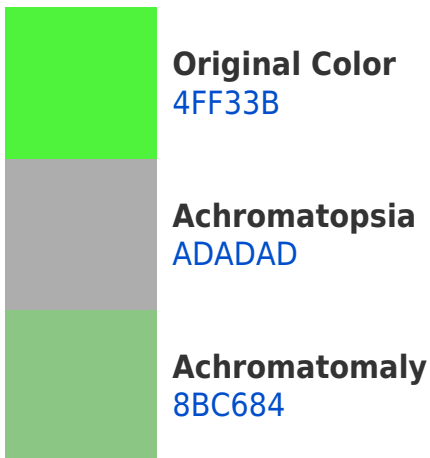


Tritanopia
7CE3F5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FF33B 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 #4FF33B looks like.

```
.text, #text, p{  
    color:#4FF33B  
}
```

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 #4FF33B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FF33B
}
```

Border

The CSS property to change the border of an element to Hex 4FF33B 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
#4FF33B }
```

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

```
.border{ border-color:#4FF33B }
```

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

Here you see how a box with a 4 pixel #4FF33B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FF33B; -webkit-box-shadow:4px 4px  
4px 4px #4FF33B; box-shadow:4px 4px 4px  
4px #4FF33B }
```

Background

The CSS property to change the background color of an element to Hex 4FF33B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FF33B }
```

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

```
.background{ background-color:#4FF33B }
```

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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