

Converting Colors

Hex(4FF44B)

Have a look what the booklet for
Hex(4FF44B) contains.

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Color

Hex(4FF44B)

Conversions

Conversions Part 1

Format	Color
Hex	4FF44B
RGB	79, 244, 75
RGB Percent	31%, 96%, 29%
CMY	0.6902, 0.0431, 0.7059
CMYK	0.68, 0.00, 0.69, 0.04
HSL	119°, 88%, 63%
HSV	119°, 69%, 96%
XYZ	36.8451, 66.8716, 17.6222
YIQ	175.3990, -44.0910, -87.5390

Conversions

Conversions Part 2

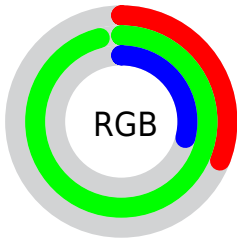
Format	Color
RYB	75, 244, 240
Decimal	5239883
CIELab	85.44, -72.66, 65.90
CIELCh	85, 98.099, 137.794
Yxy	66.8716, 0.3037, 0.5511
Android (android.graphics.Color)	4283429963 (0xFF4FF44B)
YUV	175.3990, -49.4967, -84.5419
Hunter-Lab	81.7751, -62.6802, 44.4658

Details

The Hex color **4FF44B** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark washed green. A complement of this color would be **F04BF4**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **93FF84**, and **00BA00** is the 20% darker color. If you saturate the color by 10%, you get **37F433**, and if you desaturate by 10%, it is **67F463**.

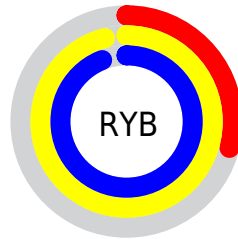
Distribution



Red (31%)

Green (96%)

Blue (29%)



Red (29%)

Yellow (96%)

Blue (94%)

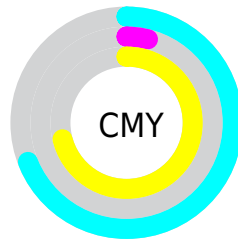


Cyan (68%)

Magenta (0%)

Yellow (69%)

Black (4%)



Cyan (69%)

Magenta (4%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FF44B 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 4FF44B by changing the saturation by 10% instead.

 4FF44B

 4FF44B

FFFFFF

 1ED72C

 93FF84

 00BA00

 B3FFA0

 009E00

 D2FFBD

 008300

 F2FFDA

 006800

 FFFFF7

 004E00

 003600

 001C00

 000000

 4FF44B

 4FF44B

 37F433

 67F463

 1FF41A

 7FF47C

 08F402

 96F494

 06F400

 AEF4AD

 C6F4C5

 DEF4DD

 F6F4F6

 FFF4FF

Harmonies

Analogous

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



CBE200



4FF44B



00FDAB

Triad

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



4FF44B



00EBFF



FF73A3

Complementary

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



4FF44B



F04BF4

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.



FF76FF



4FF44B



74CDFF

Square

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



4FF44B



00FBFF



FFA1FF



FF9A4B

Rectangle

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



4FF44B



00FFEC



FFA1FF



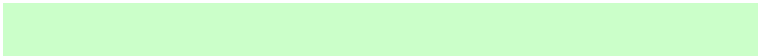
FF6DC1

Sweetspot

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



4FF44B



CBFFC9



F4EE4B



608060



000000



808080

Same Dimension

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



4FF44B



30FF2B



4BF49A



6E7A6E



04BA00



013B00

Inverse Universe

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



F04BF4



FA2BFF



F44BA5



7A6E7A



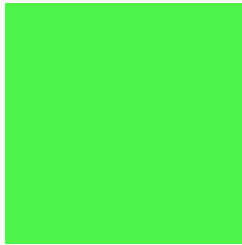
B600BA



39003B

Previews

White Background



This preview shows how the Hex color 4FF44B 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 4FF44B 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

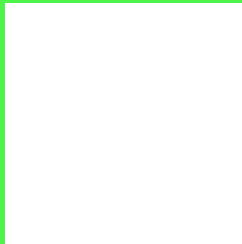
Any Text WCAG AAA ✓ Pass

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

Hex 4FF44B Background



This preview shows how black text looks on a background with the Hex color 4FF44B.

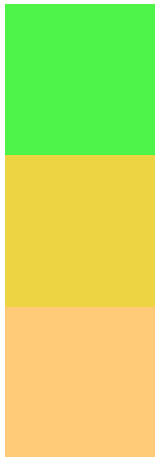


This preview shows how white text looks on a background with the Hex color 4FF44B.

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](#).

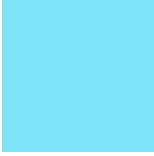
Dichromacy



Original Color
4FF44B

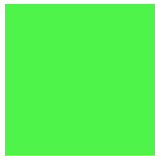
Protanopia
EED442

Deuteranopia
FFCBB7



Tritanopia
7BE4F6

Trichromacy



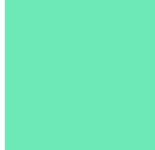
Original Color
4FF44B



Protanomaly
B4E045

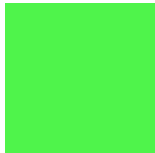


Deuteranomaly
BFDA68



Tritanomaly
6BEAB8

Monochromacy



Original Color
4FF44B



Achromatopsia
AFAFAF



Achromatomaly
8CC88B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FF44B 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 #4FF44B looks like.

```
.text, #text, p{  
    color:#4FF44B  
}
```

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 #4FF44B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FF44B
}
```

Border

The CSS property to change the border of an element to Hex 4FF44B 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
#4FF44B }
```

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

```
.border{ border-color:#4FF44B }
```

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

Here you see how a box with a 4 pixel #4FF44B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FF44B; -webkit-box-shadow:4px 4px  
4px 4px #4FF44B; box-shadow:4px 4px 4px  
4px #4FF44B }
```

Background

The CSS property to change the background color of an element to Hex 4FF44B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FF44B }
```

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

```
.background{ background-color:#4FF44B }
```

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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