

Converting Colors

Hex(4EFF2B)

Have a look what the booklet for
Hex(4EFF2B) contains.

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Color

Hex(4EFF2B)

Conversions

Conversions Part 1

Format	Color
Hex	4EFF2B
RGB	78, 255, 43
RGB Percent	31%, 100%, 17%
CMY	0.6941, 0.0000, 0.8314
CMYK	0.69, 0.00, 0.83, 0.00
HSL	110°, 100%, 58%
HSV	110°, 83%, 100%
XYZ	39.3379, 73.3141, 14.3632
YIQ	177.9090, -37.4400, -103.4560

Conversions

Conversions Part 2

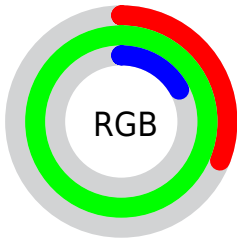
Format	Color
RYB	43, 255, 220
Decimal	5177131
CIELab	88.60, -78.23, 78.53
CIElCh	89, 110.849, 134.892
Yxy	73.3141, 0.3097, 0.5772
Android (android.graphics.Color)	4283367211 (0xFF4EFF2B)
YUV	177.9090, -66.5101, -87.6202
Hunter-Lab	85.6237, -67.8335, 49.9908

Details

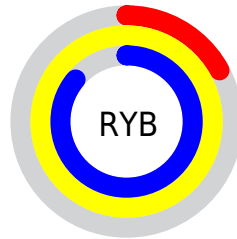
The Hex color **4EFF2B** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **DC2BFF**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **96FF6D**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **39FF12**, and if you desaturate by 10%, it is **63FF45**.

Distribution



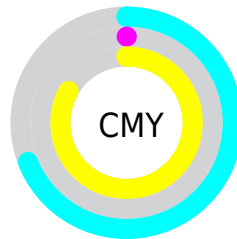
- Red (31%)
- Green (100%)
- Blue (17%)



- Red (17%)
- Yellow (100%)
- Blue (86%)



- Cyan (69%)
- Magenta (0%)
- Yellow (83%)
- Black (0%)



- Cyan (69%)
- Magenta (0%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EFF2B 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 4EFF2B by changing the saturation by 10% instead.

 4EFF2B

 4EFF2B

FFFFFF

 14E200

 96FF6D

 00C500

 B6FF8A

 00A800

 D6FFA8

 008D00

 F6FFC5

 007200

 FFFFE3

 005700

 003F00

 002400

 000000

 4EFF2B

 4EFF2B

 39FF12

 63FF45

 2AFF00

 79FF5E

 8EFF78

 A3FF91

 B8FFAB

 CEFFC4

 E3FFDE

 F8FFF7

FFFFFF

Harmonies

Analogous

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



DAEA00



4EFF2B



00FFA3

Triad

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



4EFF2B



00FAFF



FF5FAF

Complementary

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



4EFF2B



DC2BFF

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.



FF6BFF



4EFF2B



00DAFF

Square

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



4EFF2B



00FFFF



FFA6FF



FF9249

Rectangle

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



4EFF2B



00FFED



FFA6FF



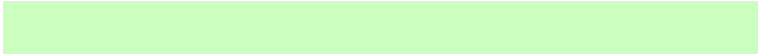
FF59D2

Sweetspot

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



4EFF2B



CAFFBF



FFDC2B



608059



000000



808080

Same Dimension

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



4EFF2B



2AFF00



2BFF72



758073



20BF00



0B4000

Inverse Universe

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



DC2BFF



D500FF



FF2BB8



7D7380



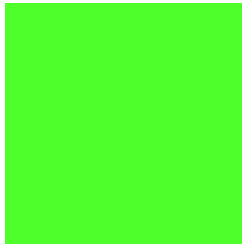
A000BF



350040

Previews

White Background



This preview shows how the Hex color 4EFF2B looks on a white background.

Color Contrast Check

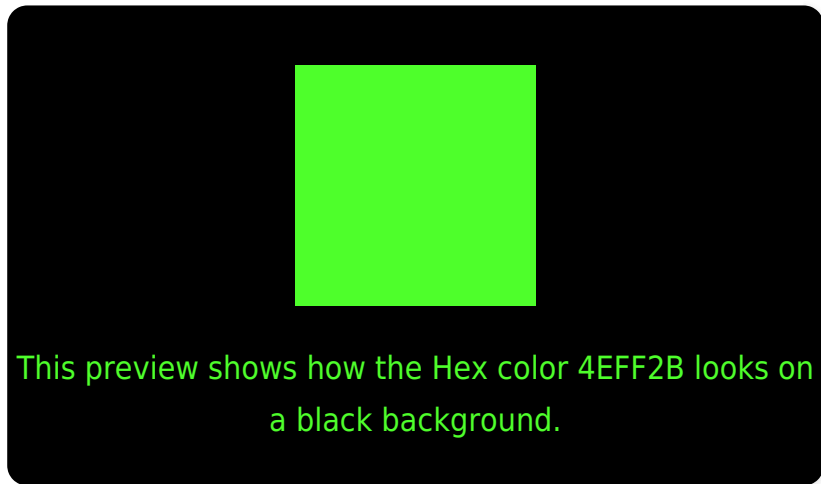
Large Text (above 18pt) WCAG AA × Fail

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 4EFF2B Background



This preview shows how black text looks on a background with the Hex color 4EFF2B.

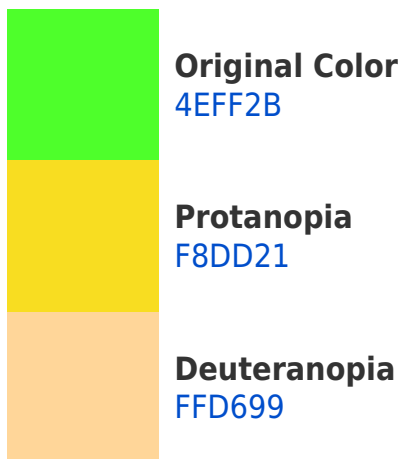


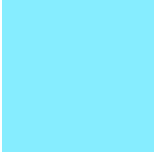
This preview shows how white text looks on a background with the Hex color 4EFF2B.

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
86EDFF

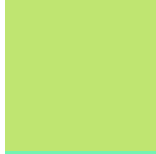
Trichromacy



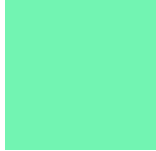
Original Color
4EFF2B



Protanomaly
BAE925

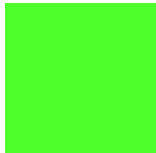


Deuteranomaly
BFE571

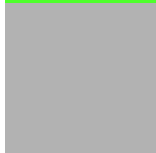


Tritanomaly
72F4B2

Monochromacy



Original Color
4EFF2B



Achromatopsia
B2B2B2



Achromatomaly
8ECE81

CSS Examples

Text

The CSS property to change the color of the text to Hex 4EFF2B 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 #4EFF2B looks like.

```
.text, #text, p{  
    color:#4EFF2B  
}
```

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 #4EFF2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EFF2B
}
```

Border

The CSS property to change the border of an element to Hex 4EFF2B 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
#4EFF2B }
```

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

```
.border{ border-color:#4EFF2B }
```

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

Here you see how a box with a 4 pixel #4EFF2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EFF2B; -webkit-box-shadow:4px 4px  
4px 4px #4EFF2B; box-shadow:4px 4px 4px  
4px #4EFF2B }
```

Background

The CSS property to change the background color of an element to Hex 4EFF2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EFF2B }
```

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

```
.background{ background-color:#4EFF2B }
```

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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