

Converting Colors

Hex(2FE417)

Have a look what the booklet for
Hex(2FE417) contains.

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Color

Hex(2FE417)

Conversions

Conversions Part 1

Format	Color
Hex	2FE417
RGB	47, 228, 23
RGB Percent	18%, 89%, 9%
CMY	0.8157, 0.1059, 0.9098
CMYK	0.79, 0.00, 0.90, 0.11
HSL	113°, 82%, 49%
HSV	113°, 90%, 89%
XYZ	29.0703, 56.1530, 10.1171
YIQ	150.5110, -42.0710, -102.1270

Conversions

Conversions Part 2

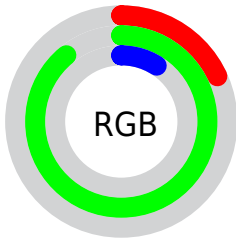
Format	Color
RYB	23, 228, 204
Decimal	3138583
CIELab	79.70, -75.62, 74.42
CIELCh	80, 106.098, 135.462
Yxy	56.1530, 0.3049, 0.5890
Android (android.graphics.Color)	4281328663 (0xFF2FE417)
YUV	150.5110, -62.8629, -90.7791
Hunter-Lab	74.9353, -61.8896, 44.4499

Details

The Hex color **2FE417** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **CC17E4**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **7EFF5E**, and **00AB00** is the 20% darker color. If you saturate the color by 10%, you get **1BE400**, and if you desaturate by 10%, it is **43E42E**.

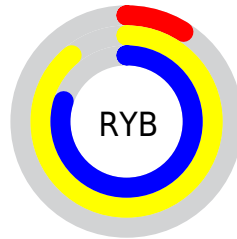
Distribution



Red (18%)

Green (89%)

Blue (9%)



Red (9%)

Yellow (89%)

Blue (80%)

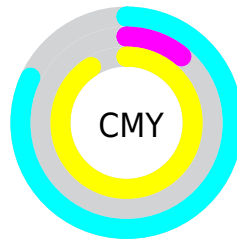


Cyan (79%)

Magenta (0%)

Yellow (90%)

Black (11%)



Cyan (82%)

Magenta (11%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FE417 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 2FE417 by changing the saturation by 10% instead.

 2FE417

 2FE417

FFFFFF

 00C700

 7EFF5E

 00AB00

 9FFF7B

 008F00

 BFFF98

 007400

 DEFFB5

 005A00

 FEFFD2

 004100

 FFFFF0

 002700

 000000

 2FE417

 2FE417

 1BE400

 43E42E

 57E445

 6BE45B

 80E472

 94E489

 A8E4A0

 BCE4B7

 D0E4CD

 E4E4E4

Harmonies

Analogous

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



BED100



2FE417



00ED90

Triad

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



2FE417



00DFFF



FF4797

Complementary

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



2FE417



CC17E4

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.



FF53FA



2FE417



00C0FF

Square

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



2FE417



00EDFF



FF8FFF



FF7D36

Rectangle

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



2FE417



00F0D6



FF8FFF



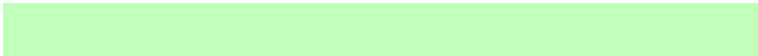
FF3FB8

Sweetspot

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



2FE417



C2FFBA



E4C917



5B8057



000000



808080

Same Dimension

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



2FE417



1EFF00



17E462



697367



15B300



063300

Inverse Universe

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



CC17E4



E100FF



E41799



716773



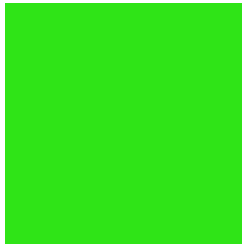
9E00B3



2D0033

Previews

White Background



This preview shows how the Hex color 2FE417 looks on a white background.

Color Contrast Check

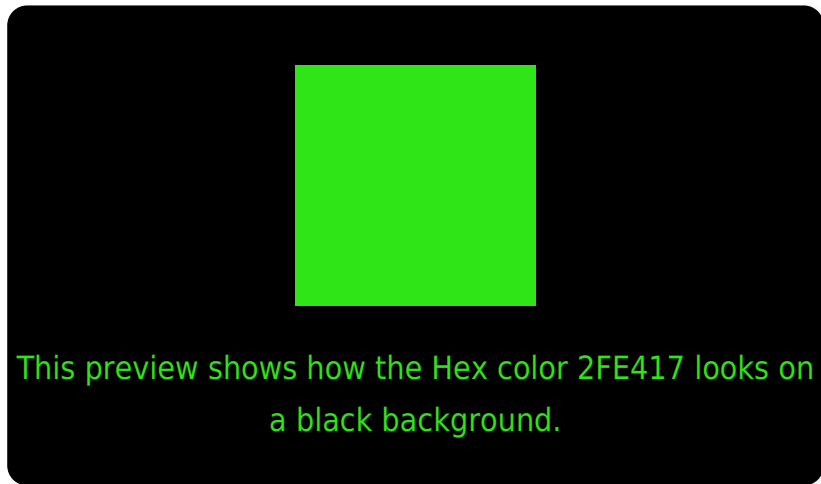
Large Text (above 18pt) WCAG AA × Fail

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

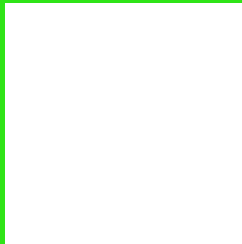
Any Text WCAG AAA ✓ Pass

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

Hex 2FE417 Background



This preview shows how black text looks on a background with the Hex color 2FE417.

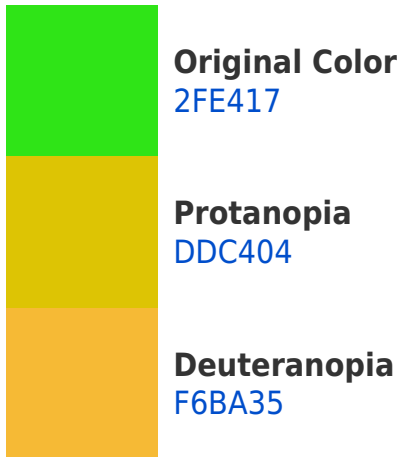


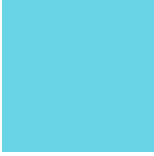
This preview shows how white text looks on a background with the Hex color 2FE417.

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](#).

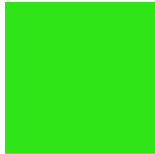
Dichromacy





Tritanopia
68D4E5

Trichromacy



Original Color
2FE417



Protanomaly
9ED00B

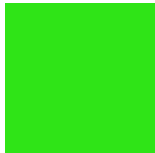


Deuteranomaly
AEC92A



Tritanomaly
53DA9A

Monochromacy



Original Color
2FE417



Achromatopsia
979797



Achromatomaly
71B368

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FE417 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 #2FE417 looks like.

```
.text, #text, p{  
    color:#2FE417  
}
```

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 #2FE417 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FE417
}
```

Border

The CSS property to change the border of an element to Hex 2FE417 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
#2FE417 }
```

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

```
.border{ border-color:#2FE417 }
```

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

Here you see how a box with a 4 pixel #2FE417 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FE417; -webkit-box-shadow:4px 4px  
4px 4px #2FE417; box-shadow:4px 4px 4px  
4px #2FE417 }
```

Background

The CSS property to change the background color of an element to Hex 2FE417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FE417 }
```

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

```
.background{ background-color:#2FE417 }
```

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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