

Converting Colors

Hex(2EFF57)

Have a look what the booklet for
Hex(2EFF57) contains.

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Color

Hex(2EFF57)

Conversions

Conversions Part 1

Format	Color
Hex	2EFF57
RGB	46, 255, 87
RGB Percent	18%, 100%, 34%
CMY	0.8196, 0.0000, 0.6588
CMYK	0.82, 0.00, 0.66, 0.00
HSL	132°, 100%, 59%
HSV	132°, 82%, 100%
XYZ	38.6070, 72.7890, 21.0317
YIQ	173.3570, -70.6360, -96.5560

Conversions

Conversions Part 2

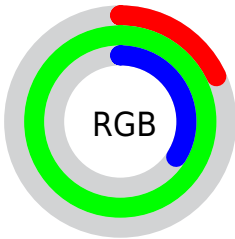
Format	Color
RYB	46, 221, 255
Decimal	3080023
CIELab	88.35, -79.48, 64.30
CIELCh	88, 102.229, 141.027
Yxy	72.7890, 0.2915, 0.5497
Android (android.graphics.Color)	4281270103 (0xFF2EFF57)
YUV	173.3570, -42.5740, -111.6921
Hunter-Lab	85.3164, -68.5298, 45.1057

Details

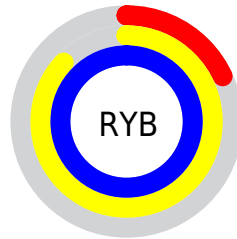
The Hex color **2EFF57** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **FF2ED6**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **81FF8F**, and **00C516** is the 20% darker color. If you saturate the color by 10%, you get **15FF43**, and if you desaturate by 10%, it is **48FF6B**.

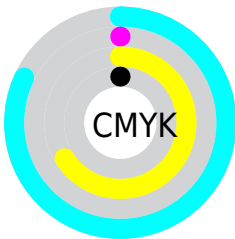
Distribution



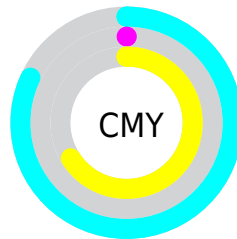
- Red (18%)
- Green (100%)
- Blue (34%)



- Red (18%)
- Yellow (87%)
- Blue (100%)



- Cyan (82%)
- Magenta (0%)
- Yellow (66%)
- Black (0%)



- Cyan (82%)
- Magenta (0%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EFF57 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 2EFF57 by changing the saturation by 10% instead.

 2EFF57

 2EFF57

FFFFFF

 00E13A

 81FF8F

 00C516

 A3FFAC

 00A800

 C4FFC8

 008C00

 E4FFE5

 007100

 005700

 003E00

 002400

 000000

 2EFF57

 2EFF57

 15FF43

 48FF6B

 00FF32

 61FF80

 7BFF94

 94FFA9

 AEFFBD

 C7FFD2

 E1FFE6

 FAFFF6

FFFFFF

Harmonies

Analogous

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



C8ED00



2EFF57



00FFBC

Triad

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



2EFF57



00F2FF



FF789E

Complementary

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



2EFF57



FF2ED6

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.



FF75FF



2EFF57



95D1FF

Square

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



2EFF57



00FFFF



FFA1FF



FFA442

Rectangle

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



2EFF57



00FFFF



FFA1FF



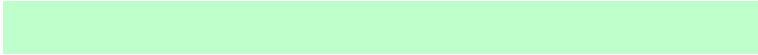
FF70BE

Sweetspot

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



2EFF57



BFFFCC



D9FF2E



598061



000000



808080

Same Dimension

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



2EFF57



05FF36



2EFFBD



738075



00BF26



00400D

Inverse Universe

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



FF2ED6



FF05CE



FF2E70



80737D



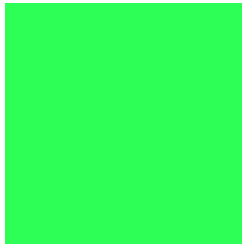
BF009A



400033

Previews

White Background



This preview shows how the Hex color 2EFF57 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 2EFF57 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

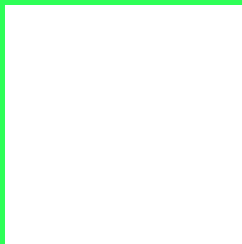
Any Text WCAG AAA ✓ Pass

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

Hex 2EFF57 Background



This preview shows how black text looks on a background with the Hex color 2EFF57.

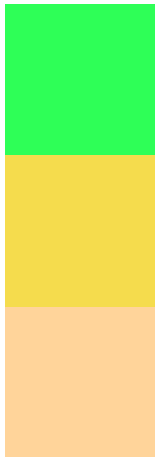


This preview shows how white text looks on a background with the Hex color 2EFF57.

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](#).

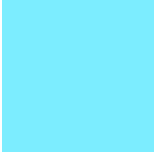
Dichromacy



Original Color
2EFF57

Protanopia
F5DC4D

Deuteranopia
FFD49A



Tritanopia
7CEDFF

Trichromacy



Original Color
2EFF57



Protanomaly
ADE951



Deuteranomaly
B3E482



Tritanomaly
60F4C2

Monochromacy



Original Color
2EFF57



Achromatopsia
ADADAD



Achromatomaly
7FCB8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EFF57 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 #2EFF57 looks like.

```
.text, #text, p{  
    color:#2EFF57  
}
```

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 #2EFF57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EFF57
}
```

Border

The CSS property to change the border of an element to Hex 2EFF57 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
#2EFF57 }
```

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

```
.border{ border-color:#2EFF57 }
```

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

Here you see how a box with a 4 pixel #2EFF57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EFF57; -webkit-box-shadow:4px 4px  
4px 4px #2EFF57; box-shadow:4px 4px 4px  
4px #2EFF57 }
```

Background

The CSS property to change the background color of an element to Hex 2EFF57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EFF57 }
```

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

```
.background{ background-color:#2EFF57 }
```

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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