

Converting Colors

Hex(2BEF3C)

Have a look what the booklet for
Hex(2BEF3C) contains.

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Color

Hex(2BEF3C)

Conversions

Conversions Part 1

Format	Color
Hex	2BEF3C
RGB	43, 239, 60
RGB Percent	17%, 94%, 24%
CMY	0.8314, 0.0627, 0.7647
CMYK	0.82, 0.00, 0.75, 0.06
HSL	125°, 86%, 55%
HSV	125°, 82%, 94%
XYZ	32.6784, 62.5728, 14.6304
YIQ	159.9900, -59.3570, -97.2210

Conversions

Conversions Part 2

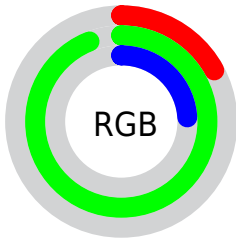
Format	Color
RYB	43, 223, 239
Decimal	2879292
CIELab	83.22, -77.38, 68.63
CIELCh	83, 103.430, 138.433
Yxy	62.5728, 0.2974, 0.5695
Android (android.graphics.Color)	4281069372 (0xFF2BEF3C)
YUV	159.9900, -49.2951, -102.6002
Hunter-Lab	79.1030, -64.6898, 44.4062

Details

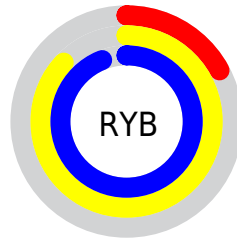
The Hex color **2BEF3C** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **EF2BDE**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **7DFF77**, and **00B500** is the 20% darker color. If you saturate the color by 10%, you get **13EF26**, and if you desaturate by 10%, it is **43EF52**.

Distribution



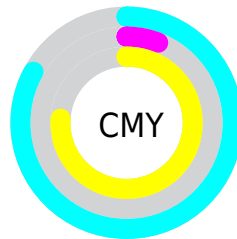
- Red (17%)
- Green (94%)
- Blue (24%)



- Red (17%)
- Yellow (87%)
- Blue (94%)



- Cyan (82%)
- Magenta (0%)
- Yellow (75%)
- Black (6%)



- Cyan (83%)
- Magenta (6%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BEF3C 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 2BEF3C by changing the saturation by 10% instead.

 2BEF3C

 2BEF3C


FFFFFF

 00D217

 7DFF77

 00B500

 9FFF93

 009900

 BFFFB0

 007E00

 DFFFCD

 006300

 FFFFEA

 004900

 003000

 001300

 000000

 2BEF3C

 2BEF3C

 13EF26

 43EF52

 00EF15

 5BEF68

 73EF7D

 8BEF93

 A3EFA9

 BAEFBF

 D2EFD5

 EAEFEB

 FFEFFF

Harmonies

Analogous

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



C0DD00



2BEF3C



00F8A5

Triad

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



2BEF3C



00E6FF



FF6098

Complementary

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



2BEF3C



EF2BDE

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.



FF62F9



2BEF3C



61C6FF

Square

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



2BEF3C



00F6FF



FF95FF



FF903A

Rectangle

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



2BEF3C



00FAE9



FF95FF



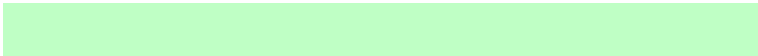
FF58B8

Sweetspot

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



2BEF3C



BFFFC5



DFEF2B



59805D



000000



808080

Same Dimension

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



2BEF3C



05FF1B



2BEF9D



6C786D



00B810



003805

Inverse Universe

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



EF2BDE



FF05E9



EF2B7D



786C77



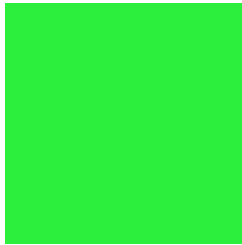
B800A8



380033

Previews

White Background



This preview shows how the Hex color 2BEF3C 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 2BEF3C 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 2BEF3C Background



This preview shows how black text looks on a background with the Hex color 2BEF3C.

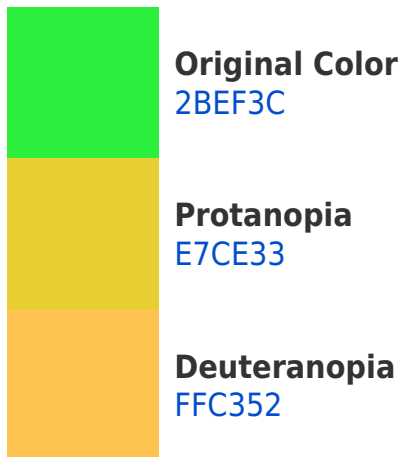


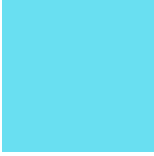
This preview shows how white text looks on a background with the Hex color 2BEF3C.

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
69DFF1

Trichromacy



Original Color
2BEF3C



Protanomaly
A3DA36



Deuteranomaly
B2D34A



Tritanomaly
52E5AF

Monochromacy



Original Color
2BEF3C



Achromatopsia
A0A0A0



Achromatomaly
75BD7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BEF3C 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 #2BEF3C looks like.

```
.text, #text, p{  
    color:#2BEF3C  
}
```

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 #2BEF3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BEF3C
}
```

Border

The CSS property to change the border of an element to Hex 2BEF3C 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
#2BEF3C }
```

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

```
.border{ border-color:#2BEF3C }
```

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

Here you see how a box with a 4 pixel #2BEF3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BEF3C; -webkit-box-shadow:4px 4px  
4px 4px #2BEF3C; box-shadow:4px 4px 4px  
4px #2BEF3C }
```

Background

The CSS property to change the background color of an element to Hex 2BEF3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BEF3C }
```

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

```
.background{ background-color:#2BEF3C }
```

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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