

Converting Colors

Hex(2DEF1E)

Have a look what the booklet for
Hex(2DEF1E) contains.

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Color

Hex(2DEF1E)

Conversions

Conversions Part 1

Format	Color
Hex	2DEF1E
RGB	45, 239, 30
RGB Percent	18%, 94%, 12%
CMY	0.8235, 0.0627, 0.8824
CMYK	0.81, 0.00, 0.87, 0.06
HSL	116°, 87%, 53%
HSV	116°, 87%, 94%
XYZ	32.1830, 62.3846, 11.5735
YIQ	157.1680, -48.5350, -106.1270

Conversions

Conversions Part 2

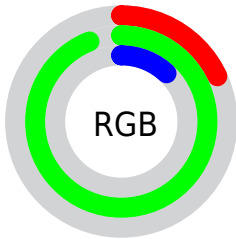
Format	Color
RYB	30, 239, 224
Decimal	3010334
CIELab	83.12, -78.73, 76.15
CIELCh	83, 109.536, 135.955
Yxy	62.3846, 0.3032, 0.5878
Android (android.graphics.Color)	4281200414 (0xFF2DEF1E)
YUV	157.1680, -62.6938, -98.3713
Hunter-Lab	78.9839, -65.4898, 46.6010

Details

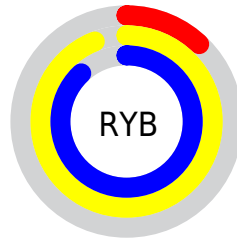
The Hex color **2DEF1E** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **E01EEF**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **7FFF63**, and **00B500** is the 20% darker color. If you saturate the color by 10%, you get **17EF06**, and if you desaturate by 10%, it is **43EF36**.

Distribution



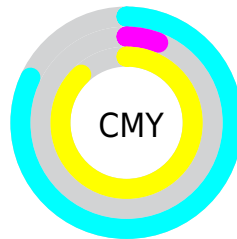
- Red (18%)
- Green (94%)
- Blue (12%)



- Red (12%)
- Yellow (94%)
- Blue (88%)



- Cyan (81%)
- Magenta (0%)
- Yellow (87%)
- Black (6%)



- Cyan (82%)
- Magenta (6%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DEF1E 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 2DEF1E by changing the saturation by 10% instead.

 2DEF1E

 2DEF1E

FFFFFF

 00D200

 7FFF63

 00B500

 A1FF80

 009900

 C1FF9D

 007E00

 E1FFBB

 006300

 FFFFD8

 004900

 FFFFF6

 003000

 001300


 000000

 2DEF1E

 2DEF1E

 17EF06

 43EF36

 11EF00

 59EF4E

 70EF66

 86EF7E

 9CEF95

 B2EFAD

 C8EFC5

 DEEFDD

 F5EFF5

Harmonies

Analogous

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



C6DB00



2DEF1E



00F999

Triad

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



2DEF1E



00E9FF



FF4D9D

Complementary

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



2DEF1E



E01EEF

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.



FF57FF



2DEF1E



00C9FF

Square

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



2DEF1E



00F8FF



FF95FF



FF8538

Rectangle

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



2DEF1E



00FBE2



FF95FF



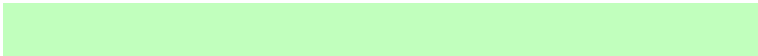
FF44BF

Sweetspot

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



2DEF1E



C1FFBD



EFDE1E



5B8058



000000



808080

Same Dimension

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



2DEF1E



12FF00



1EEF75



6D786C



0DB800



043800

Inverse Universe

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



E01EEF



ED00FF



EF1E98



776C78



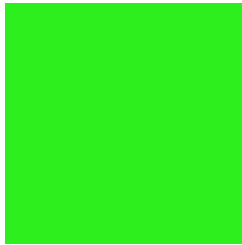
AA00B8



340038

Previews

White Background



This preview shows how the Hex color 2DEF1E 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 2DEF1E 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 2DEF1E Background



This preview shows how black text looks on a background with the Hex color 2DEF1E.

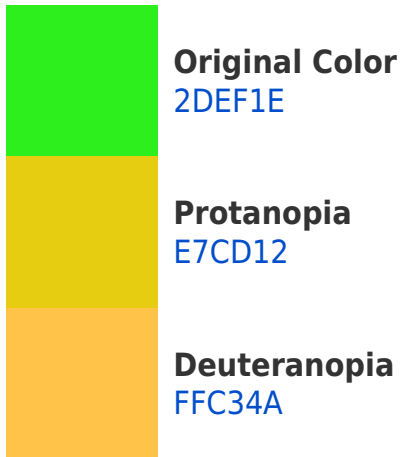


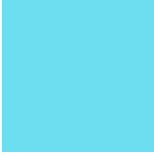
This preview shows how white text looks on a background with the Hex color 2DEF1E.

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](#).

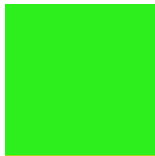
Dichromacy





Tritanopia
6BDEF0

Trichromacy



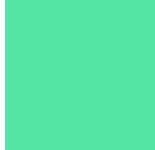
Original Color
2DEF1E



Protanomaly
A3D916

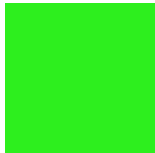


Deuteranomaly
B3D33A



Tritanomaly
54E4A4

Monochromacy



Original Color
2DEF1E



Achromatopsia
9D9D9D



Achromatomaly
74BB6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DEF1E 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 #2DEF1E looks like.

```
.text, #text, p{  
    color:#2DEF1E  
}
```

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 #2DEF1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DEF1E
}
```

Border

The CSS property to change the border of an element to Hex 2DEF1E 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
#2DEF1E }
```

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

```
.border{ border-color:#2DEF1E }
```

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

Here you see how a box with a 4 pixel #2DEF1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DEF1E; -webkit-box-shadow:4px 4px  
4px 4px #2DEF1E; box-shadow:4px 4px 4px  
4px #2DEF1E }
```

Background

The CSS property to change the background color of an element to Hex 2DEF1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DEF1E }
```

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

```
.background{ background-color:#2DEF1E }
```

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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