

Converting Colors

Hex(2EE35E)

Have a look what the booklet for
Hex(2EE35E) contains.

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Color

Hex(2EE35E)

Conversions

Conversions Part 1

Format	Color
Hex	2EE35E
RGB	46, 227, 94
RGB Percent	18%, 89%, 37%
CMY	0.8196, 0.1098, 0.6314
CMYK	0.80, 0.00, 0.59, 0.11
HSL	136°, 76%, 54%
HSV	136°, 80%, 89%
XYZ	30.6162, 56.3272, 19.8483
YIQ	157.7190, -65.1830, -79.7350

Conversions

Conversions Part 2

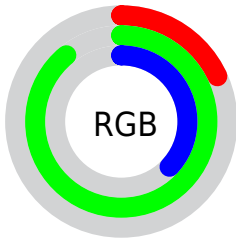
Format	Color
RYB	46, 189, 227
Decimal	3072862
CIELab	79.80, -70.18, 51.77
CIELCh	80, 87.211, 143.585
Yxy	56.3272, 0.2867, 0.5274
Android (android.graphics.Color)	4281262942 (0xFF2EE35E)
YUV	157.7190, -31.4135, -97.9776
Hunter-Lab	75.0514, -58.5234, 36.8560

Details

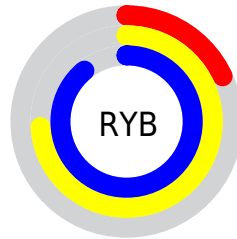
The Hex color **2EE35E** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E32EB3**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **7AFF94**, and **00AA28** is the 20% darker color. If you saturate the color by 10%, you get **17E34D**, and if you desaturate by 10%, it is **45E36F**.

Distribution



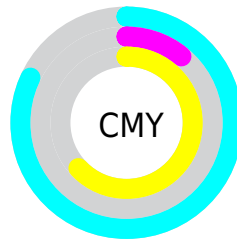
- Red (18%)
- Green (89%)
- Blue (37%)



- Red (18%)
- Yellow (74%)
- Blue (89%)



- Cyan (80%)
- Magenta (0%)
- Yellow (59%)
- Black (11%)



- Cyan (82%)
- Magenta (11%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EE35E 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 2EE35E by changing the saturation by 10% instead.

 2EE35E

 2EE35E

FFFFFF

 00C643

 7AFF94

 00AA28

 9BFFB0

 008E02

 BAFFCC

 007300

 D9FFE9

 005900

 F8FFFF

 004000

 002700

 000000

 2EE35E

 2EE35E

 17E34D

 45E36F

 01E33D

 5BE37F

 00E33C

 72E390

 89E3A1

 A0E3B1

 B6E3C2

 CDE3D3

 E4E3E3

 FAE3F4

Harmonies

Analogous

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



AED500



2EE35E



00EAB1

Triad

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



2EE35E



00D5FF



FF788A

Complementary

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



2EE35E



E32EB3

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.



FF72DB



2EE35E



9FB8FF

Square

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



2EE35E



00E5FF



FF91FF



FF9A40

Rectangle

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



2EE35E



00EBEA



FF91FF



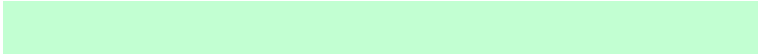
FF71A4

Sweetspot

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



2EE35E



C2FFD2



B6E32E



5B8064



000000



808080

Same Dimension

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



2EE35E



0AFF4B



2EE3B6



67736A



00B32F



00330E

Inverse Universe

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



E32EB3



FF0ABE



E32E5B



736770



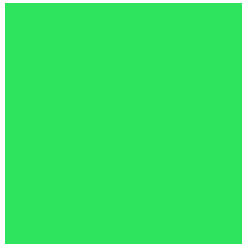
B30083



330025

Previews

White Background



This preview shows how the Hex color 2EE35E 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 2EE35E 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 2EE35E Background



This preview shows how black text looks on a background with the Hex color 2EE35E.

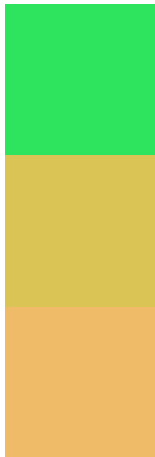


This preview shows how white text looks on a background with the Hex color 2EE35E.

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](#).

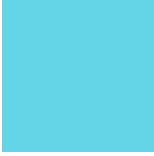
Dichromacy



Original Color
2EE35E

Protanopia
DAC455

Deuteranopia
F0BB69



Tritanopia
63D5E6

Trichromacy



Original Color
2EE35E



Protanomaly
9BCF58



Deuteranomaly
A9CA65

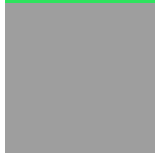


Tritanomaly
50DAB5

Monochromacy



Original Color
2EE35E



Achromatopsia
9E9E9E



Achromatomaly
75B787

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EE35E 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 #2EE35E looks like.

```
.text, #text, p{  
    color:#2EE35E  
}
```

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 #2EE35E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EE35E
}
```

Border

The CSS property to change the border of an element to Hex 2EE35E 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
#2EE35E }
```

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

```
.border{ border-color:#2EE35E }
```

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

Here you see how a box with a 4 pixel #2EE35E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EE35E; -webkit-box-shadow:4px 4px  
4px 4px #2EE35E; box-shadow:4px 4px 4px  
4px #2EE35E }
```

Background

The CSS property to change the background color of an element to Hex 2EE35E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EE35E }
```

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

```
.background{ background-color:#2EE35E }
```

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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