

Converting Colors

Hex(2EE879)

Have a look what the booklet for
Hex(2EE879) contains.

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Color

Hex(2EE879)

Conversions

Conversions Part 1

Format	Color
Hex	2EE879
RGB	46, 232, 121
RGB Percent	18%, 91%, 47%
CMY	0.8196, 0.0902, 0.5255
CMYK	0.80, 0.00, 0.48, 0.09
HSL	144°, 80%, 55%
HSV	144°, 80%, 91%
XYZ	33.4345, 59.6745, 27.8453
YIQ	163.7320, -75.2250, -73.9530

Conversions

Conversions Part 2

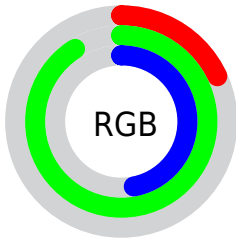
Format	Color
RYB	46, 179, 232
Decimal	3074169
CIELab	81.66, -68.00, 41.43
CIELCh	82, 79.624, 148.644
Yxy	59.6745, 0.2764, 0.4934
Android (android.graphics.Color)	4281264249 (0xFF2EE879)
YUV	163.7320, -21.0669, -103.2510
Hunter-Lab	77.2493, -57.9291, 32.7028

Details

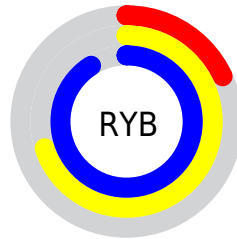
The Hex color **2EE879** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **E82E9D**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **7BFFAF**, and **00AF46** is the 20% darker color. If you saturate the color by 10%, you get **17E86B**, and if you desaturate by 10%, it is **45E887**.

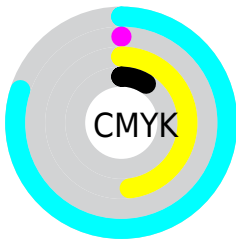
Distribution



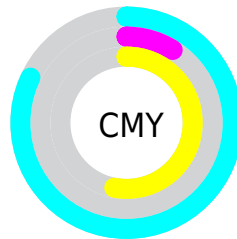
- Red (18%)
- Green (91%)
- Blue (47%)



- Red (18%)
- Yellow (70%)
- Blue (91%)



- Cyan (80%)
- Magenta (0%)
- Yellow (48%)
- Black (9%)



- Cyan (82%)
- Magenta (9%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EE879 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 2EE879 by changing the saturation by 10% instead.

 2EE879

 2EE879

FFFFFF

 00CB5F

 7BFFAF

 00AF46

 9BFFCB

 00932C

 BAFFE7

 007811

 DAFFFF

 005E00

 F9FFFF

 004400

 002C00

 000B00

 000000

 2EE879

 2EE879

 17E86B

 45E887

 00E85E

 5CE895

 74E8A3

 8BE8B0

 A2E8BE

 B9E8CC

 D0E8DA

 E8E8E8

 FFE8F6

Harmonies

Analogous

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



AADB38



2EE879



00EEC5

Triad

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



2EE879



00D5FF



FF8C88

Complementary

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



2EE879



E82E9D

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.



FF82D2



2EE879



C4B9FF

Square

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



2EE879



00E6FF



FF97FF



FFA948

Rectangle

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



2EE879



00EEF9



FF97FF



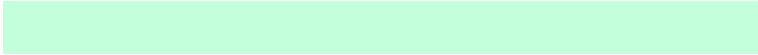
FF85A0

Sweetspot

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



2EE879



C2FFDA



9EE82E



5B8069



000000



808080

Same Dimension

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



2EE879



0AFF6D



2EE8D5



67736C



00B348



003315

Inverse Universe

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



E82E9D



FF0A9C



E82E41



73676E



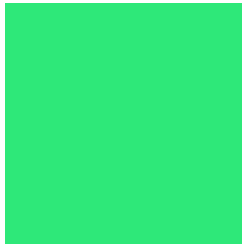
B3006B



33001E

Previews

White Background



This preview shows how the Hex color 2EE879 looks on a white background.

Color Contrast Check

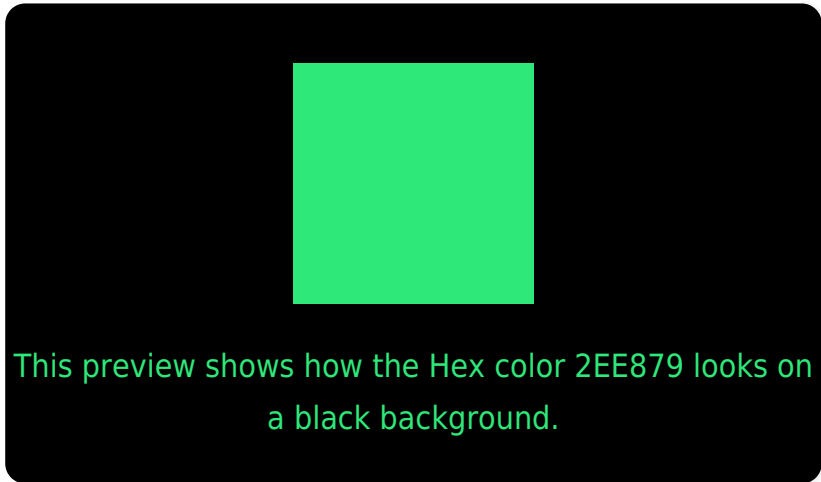
Large Text (above 18pt) WCAG AA × Fail

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

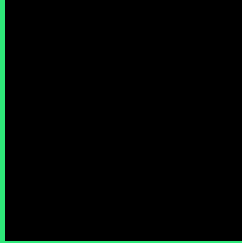
Any Text WCAG AA ✓ Pass

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 2EE879 Background



This preview shows how black text looks on a background with the Hex color 2EE879.

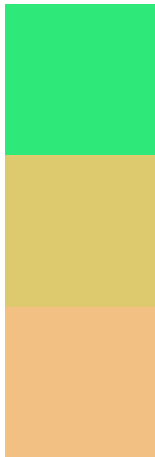


This preview shows how white text looks on a background with the Hex color 2EE879.

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](#).

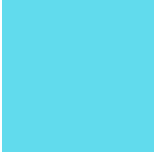
Dichromacy



Original Color
2EE879

Protanopia
DDC96E

Deuteranopia
F2C083



Tritanopia
61DBED

Trichromacy



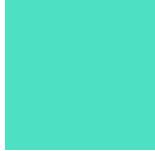
Original Color
2EE879



Protanomaly
9DD472



Deuteranomaly
ABCF7F



Tritanomaly
4EE0C3

Monochromacy



Original Color
2EE879



Achromatopsia
A4A4A4



Achromatomaly
79BD94

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EE879 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 #2EE879 looks like.

```
.text, #text, p{  
    color:#2EE879  
}
```

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 #2EE879 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EE879
}
```

Border

The CSS property to change the border of an element to Hex 2EE879 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
#2EE879 }
```

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

```
.border{ border-color:#2EE879 }
```

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

Here you see how a box with a 4 pixel #2EE879 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EE879; -webkit-box-shadow:4px 4px  
4px 4px #2EE879; box-shadow:4px 4px 4px  
4px #2EE879 }
```

Background

The CSS property to change the background color of an element to Hex 2EE879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EE879 }
```

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

```
.background{ background-color:#2EE879 }
```

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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