

Converting Colors

Hex(2EE177)

Have a look what the booklet for
Hex(2EE177) contains.

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Color

Hex(2EE177)

Conversions

Conversions Part 1

Format	Color
Hex	2EE177
RGB	46, 225, 119
RGB Percent	18%, 88%, 47%
CMY	0.8196, 0.1176, 0.5333
CMYK	0.80, 0.00, 0.47, 0.12
HSL	144°, 75%, 53%
HSV	144°, 80%, 88%
XYZ	31.3817, 55.7632, 26.5621
YIQ	159.3950, -72.6580, -70.9140

Conversions

Conversions Part 2

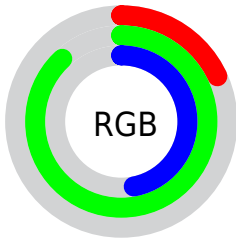
Format	Color
RYB	46, 173, 225
Decimal	3072375
CIELab	79.48, -65.97, 39.65
CIELCh	79, 76.966, 148.991
Yxy	55.7632, 0.2760, 0.4904
Android (android.graphics.Color)	4281262455 (0xFF2EE177)
YUV	159.3950, -19.9147, -99.4474
Hunter-Lab	74.6747, -55.6670, 31.1826

Details

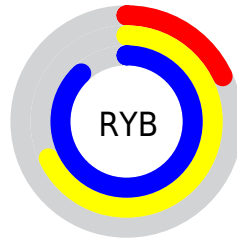
The Hex color **2EE177** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E12E98**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **79FFAD**, and **00A844** is the 20% darker color. If you saturate the color by 10%, you get **18E16A**, and if you desaturate by 10%, it is **44E184**.

Distribution



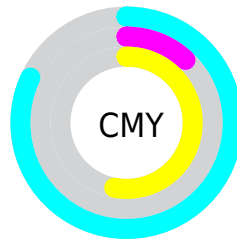
- Red (18%)
- Green (88%)
- Blue (47%)



- Red (18%)
- Yellow (68%)
- Blue (88%)



- Cyan (80%)
- Magenta (0%)
- Yellow (47%)
- Black (12%)



- Cyan (82%)
- Magenta (12%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EE177 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 2EE177 by changing the saturation by 10% instead.

 2EE177

 2EE177

FFFFFF

 00C45D

 79FFAD

 00A844

 99FFC8

 008D2B

 B8FFE5

 007210

 D7FFFF

 005800

 F6FFFF

 003F00

 002700

 000000

 2EE177

 2EE177

 18E16A

 44E184

 01E15C

 5BE192

 00E15C

 72E19F

 88E1AC

 9FE1BA

 B5E1C7

 CBE1D4

 E2E1E2

 F8E1EF

Harmonies

Analogous

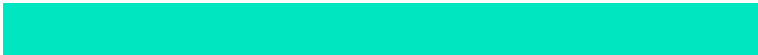
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A4D539



2EE177



00E6C0

Triad

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



2EE177



00CEFF



FF8984

Complementary

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



2EE177



E12E98

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.



FF7FCA



2EE177



C0B3FF

Square

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



2EE177



00DFFF



FF93FF



FFA547

Rectangle

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



2EE177



00E7F2



FF93FF



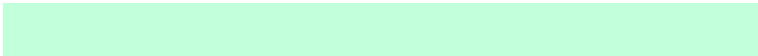
FF829B

Sweetspot

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



2EE177



C2FFDB



99E12E



5B806A



000000



808080

Same Dimension

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



2EE177



0DFF70



2EE1CF



65706A



00B048



003014

Inverse Universe

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



E12E98



FF0D9C



E12E40



70656C



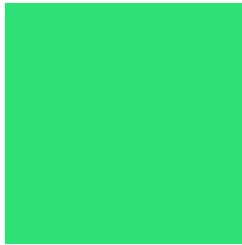
B00068



30001D

Previews

White Background



This preview shows how the Hex color 2EE177 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 2EE177 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 2EE177 Background



This preview shows how black text looks on a background with the Hex color 2EE177.

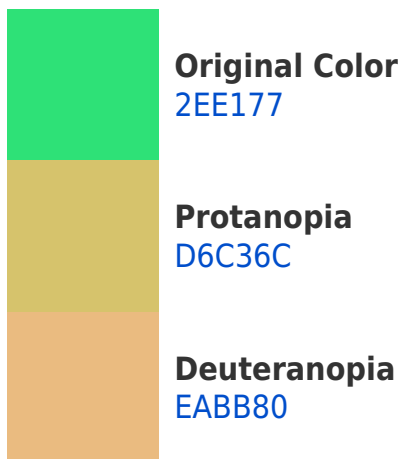


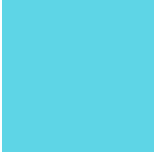
This preview shows how white text looks on a background with the Hex color 2EE177.

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](#).

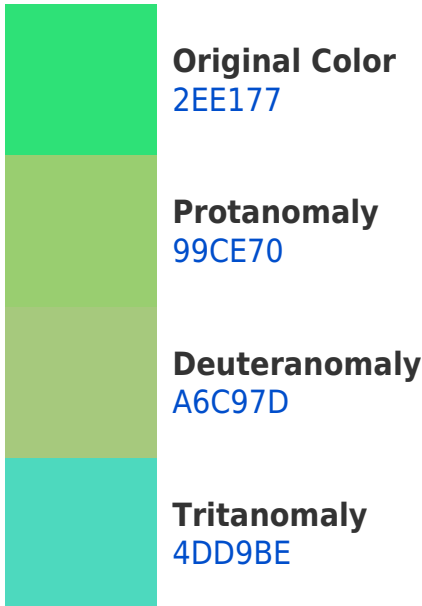
Dichromacy



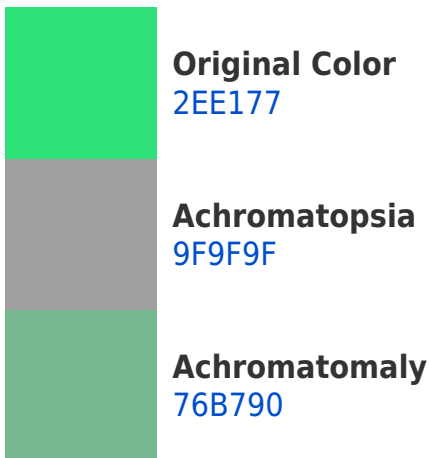


Tritanopia
5ED5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2EE177 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 #2EE177 looks like.

```
.text, #text, p{  
    color:#2EE177  
}
```

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 #2EE177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EE177
}
```

Border

The CSS property to change the border of an element to Hex 2EE177 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
#2EE177 }
```

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

```
.border{ border-color:#2EE177 }
```

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

Here you see how a box with a 4 pixel #2EE177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EE177; -webkit-box-shadow:4px 4px  
4px 4px #2EE177; box-shadow:4px 4px 4px  
4px #2EE177 }
```

Background

The CSS property to change the background color of an element to Hex 2EE177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EE177 }
```

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

```
.background{ background-color:#2EE177 }
```

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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