

Converting Colors

Hex(11EB83)

Have a look what the booklet for
Hex(11EB83) contains.

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Color

Hex(11EB83)

Conversions

Conversions Part 1

Format	Color
Hex	11EB83
RGB	17, 235, 131
RGB Percent	7%, 92%, 51%
CMY	0.9333, 0.0784, 0.4863
CMYK	0.93, 0.00, 0.44, 0.08
HSL	151°, 87%, 49%
HSV	151°, 93%, 92%
XYZ	34.0362, 61.1745, 31.4867
YIQ	157.9620, -96.5440, -78.5600

Conversions

Conversions Part 2

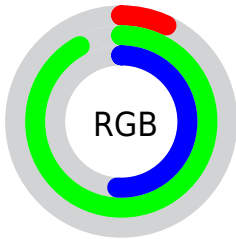
Format	Color
RYB	17, 160, 235
Decimal	1174403
CIELab	82.47, -69.39, 37.52
CIElCh	82, 78.884, 151.597
Yxy	61.1745, 0.2686, 0.4828
Android (android.graphics.Color)	4279364483 (0xFF11EB83)
YUV	157.9620, -13.2923, -123.6237
Hunter-Lab	78.2141, -59.1974, 30.8815

Details

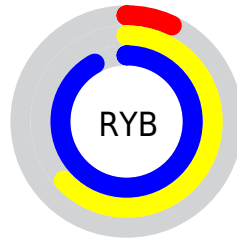
The Hex color **11EB83** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **EB1179**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **71FFB9**, and **00B250** is the 20% darker color. If you saturate the color by 10%, you get **00EB7B**, and if you desaturate by 10%, it is **28EB8E**.

Distribution



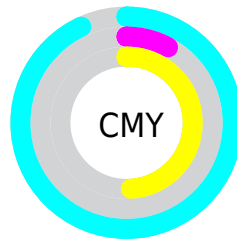
- Red (7%)
- Green (92%)
- Blue (51%)



- Red (7%)
- Yellow (63%)
- Blue (92%)



- Cyan (93%)
- Magenta (0%)
- Yellow (44%)
- Black (8%)





- Cyan (93%)
- Magenta (8%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 11EB83 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 11EB83 by changing the saturation by 10% instead.

 11EB83

 11EB83

FFFFFF

 00CE69

 71FFB9

 00B250

 92FFD5

 009637

 B3FFF2

 007B1E

 D2FFFF

 006001

 F2FFFF

 004600

 002E00

 001000

 000000

■ 11EB83

■ 11EB83

■ 00EB7B

■ 28EB8E

■ 40EB99

■ 57EBA5

■ 6FEBB0

■ 87EBBB

■ 9EEBC6

■ B5EBD1

■ CDEBDD

■ E4EBE8

Harmonies

Analogous

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



A4DF42



11EB83



00F0CF

Triad

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



11EB83



00D5FF



FF9184

Complementary

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



11EB83



EB1179

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.



FF85CC



11EB83



D2B8FF

Square

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



11EB83



00E7FF



FF97FF



FFAF47

Rectangle

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



11EB83



00F0FF



FF97FF



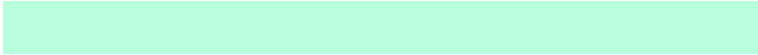
FF8A9B

Sweetspot

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



11EB83



B8FFDD



7AEB11



54806B



000000



808080

Same Dimension

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



11EB83



00FF85



11E7EB



6A7570



00B55F



00361C

Inverse Universe

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



EB1179



FF007A



EB1511



756A6F



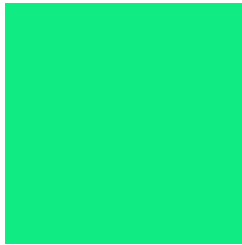
B50056



36001A

Previews

White Background



This preview shows how the Hex color 11EB83 looks on a white background.

Color Contrast Check

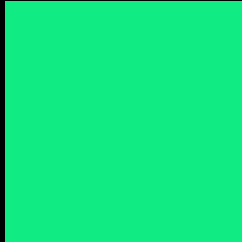
Large Text (above 18pt) WCAG AA × Fail

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 11EB83 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 11EB83 Background



This preview shows how black text looks on a background with the Hex color 11EB83.

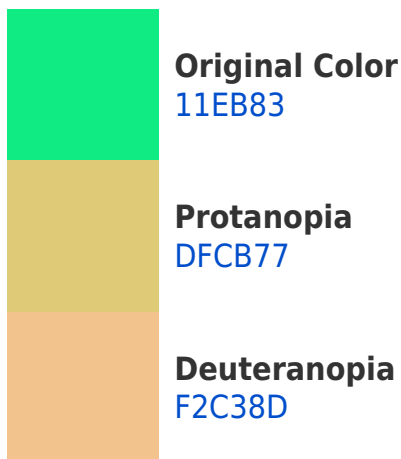


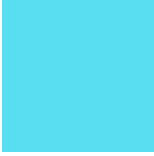
This preview shows how white text looks on a background with the Hex color 11EB83.

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
58DEF0

Trichromacy



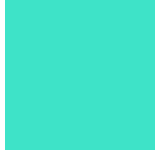
Original Color
11EB83



Protanomaly
94D77B



Deuteranomaly
A0D289



Tritanomaly
3EE3C8

Monochromacy



Original Color
11EB83



Achromatopsia
9E9E9E



Achromatomaly
6BBA94

CSS Examples

Text

The CSS property to change the color of the text to Hex 11EB83 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 #11EB83 looks like.

```
.text, #text, p{  
    color:#11EB83  
}
```

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 #11EB83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11EB83
}
```

Border

The CSS property to change the border of an element to Hex 11EB83 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
#11EB83 }
```

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

```
.border{ border-color:#11EB83 }
```

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

Here you see how a box with a 4 pixel #11EB83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11EB83; -webkit-box-shadow:4px 4px  
4px 4px #11EB83; box-shadow:4px 4px 4px  
4px #11EB83 }
```

Background

The CSS property to change the background color of an element to Hex 11EB83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11EB83 }
```

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

```
.background{ background-color:#11EB83 }
```

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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