

Converting Colors

Hex(10EE83)

Have a look what the booklet for
Hex(10EE83) contains.

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Color

Hex(10EE83)

Conversions

Conversions Part 1

Format	Color
Hex	10EE83
RGB	16, 238, 131
RGB Percent	6%, 93%, 51%
CMY	0.9373, 0.0667, 0.4863
CMYK	0.93, 0.00, 0.45, 0.07
HSL	151°, 87%, 50%
HSV	151°, 93%, 93%
XYZ	34.8850, 62.8979, 31.7746
YIQ	159.4240, -97.9650, -80.3410

Conversions

Conversions Part 2

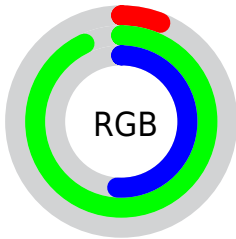
Format	Color
RYB	16, 162, 238
Decimal	1109635
CIELab	83.39, -70.41, 38.70
CIELCh	83, 80.345, 151.205
Yxy	62.8979, 0.2693, 0.4855
Android (android.graphics.Color)	4279299715 (0xFF10EE83)
YUV	159.4240, -14.0130, -125.7828
Hunter-Lab	79.3082, -60.2734, 31.7614

Details

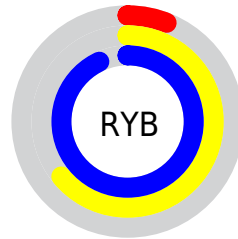
The Hex color **10EE83** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **EE107B**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **72FFB9**, and **00B450** is the 20% darker color. If you saturate the color by 10%, you get **00EE7B**, and if you desaturate by 10%, it is **28EE8E**.

Distribution



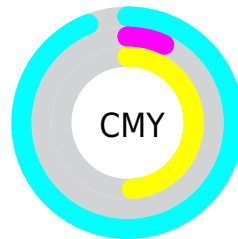
- Red (6%)
- Green (93%)
- Blue (51%)



- Red (6%)
- Yellow (64%)
- Blue (93%)



- Cyan (93%)
- Magenta (0%)
- Yellow (45%)
- Black (7%)



- Cyan (94%)
- Magenta (7%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10EE83 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 10EE83 by changing the saturation by 10% instead.

 10EE83

 10EE83

FFFFFF

 00D169

 72FFB9

 00B450

 93FFD5

 009937

 B3FFF2

 007D1D

 D3FFFF

 006300

 F3FFFF

 004900

 003100

 001400

 000000

 10EE83

 10EE83

 00EE7B

 28EE8E

 40EE9A

 57EEA5

 6FEEB1

 87EEBC

 9FEEC8

 B7EED3

 CEEEDF

 E6EEEA

Harmonies

Analogous

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



A7E240



10EE83



00F3D1

Triad

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



10EE83



00D8FF



FF9286

Complementary

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



10EE83



EE107B

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.



FF86D0



10EE83



D3BAFF

Square

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



10EE83



00EAFF



FF99FF



FFB047

Rectangle

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



10EE83



00F3FF



FF99FF



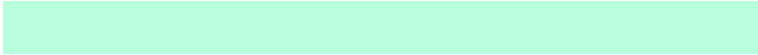
FF8B9E

Sweetspot

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



10EE83



B8FFDD



7BEE10



54806B



000000



808080

Same Dimension

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



10EE83



00FF84



10EAEE



6C7872



00B85F



00381D

Inverse Universe

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



EE107B



FF007B



EE1410



786C72



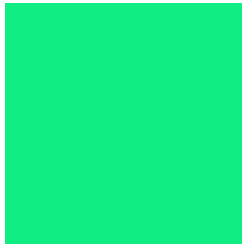
B80058



38001B

Previews

White Background



This preview shows how the Hex color 10EE83 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 10EE83 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

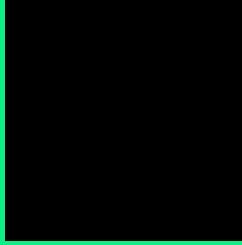
Any Text WCAG AA ✓ Pass

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 10EE83 Background



This preview shows how black text looks on a background with the Hex color 10EE83.

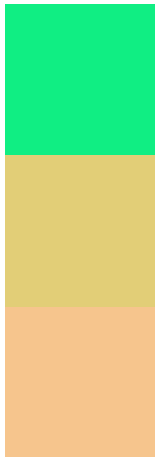


This preview shows how white text looks on a background with the Hex color 10EE83.

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](#).

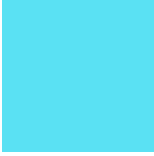
Dichromacy



Original Color
10EE83

Protanopia
E2CE77

Deuteranopia
F6C58D



Tritanopia
5AE1F3

Trichromacy



Original Color
10EE83



Protanomaly
96DA7B



Deuteranomaly
A2D489

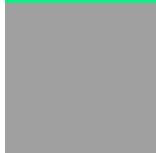


Tritanomaly
3FE6CA

Monochromacy



Original Color
10EE83



Achromatopsia
9F9F9F



Achromatomaly
6BBC95

CSS Examples

Text

The CSS property to change the color of the text to Hex 10EE83 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 #10EE83 looks like.

```
.text, #text, p{  
    color:#10EE83  
}
```

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 #10EE83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10EE83
}
```

Border

The CSS property to change the border of an element to Hex 10EE83 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
#10EE83 }
```

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

```
.border{ border-color:#10EE83 }
```

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

Here you see how a box with a 4 pixel #10EE83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10EE83; -webkit-box-shadow:4px 4px  
4px 4px #10EE83; box-shadow:4px 4px 4px  
4px #10EE83 }
```

Background

The CSS property to change the background color of an element to Hex 10EE83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10EE83 }
```

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

```
.background{ background-color:#10EE83 }
```

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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