

Converting Colors

Hex(33E882)

Have a look what the booklet for
Hex(33E882) contains.

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Color

Hex(33E882)

Conversions

Conversions Part 1

Format	Color
Hex	33E882
RGB	51, 232, 130
RGB Percent	20%, 91%, 51%
CMY	0.8000, 0.0902, 0.4902
CMYK	0.78, 0.00, 0.44, 0.09
HSL	146°, 80%, 55%
HSV	146°, 78%, 91%
XYZ	34.2511, 60.0287, 30.9006
YIQ	166.2530, -75.1340, -70.0940

Conversions

Conversions Part 2

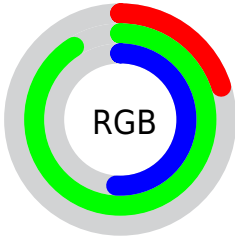
Format	Color
RYB	51, 177, 232
Decimal	3401858
CIELab	81.85, -65.98, 37.28
CIELCh	82, 75.781, 150.530
Yxy	60.0287, 0.2736, 0.4795
Android (android.graphics.Color)	4281591938 (0xFF33E882)
YUV	166.2530, -17.8727, -101.0769
Hunter-Lab	77.4782, -56.6766, 30.5882

Details

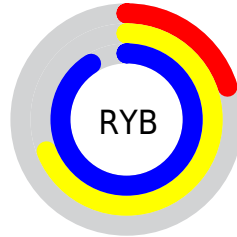
The Hex color **33E882** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **E83399**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **7DFFB8**, and **00AF4F** is the 20% darker color. If you saturate the color by 10%, you get **1CE875**, and if you desaturate by 10%, it is **4AE88F**.

Distribution



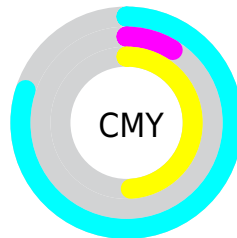
- Red (20%)
- Green (91%)
- Blue (51%)



- Red (20%)
- Yellow (69%)
- Blue (91%)



- Cyan (78%)
- Magenta (0%)
- Yellow (44%)
- Black (9%)



- Cyan (80%)
- Magenta (9%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33E882 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 33E882 by changing the saturation by 10% instead.

 33E882

 33E882

FFFFFF

 00CB68

 7DFFB8

 00AF4F

 9DFFD4

 009336

 BCFFF1

 00781D

 DCFFF1

 005E01

 FBFFF1

 004400

 002D00

 000D00

 000000

 33E882

 33E882

 1CE875

 4AE88F

 05E868

 61E89C

 00E865

 79E8A9

 90E8B6

 A7E8C3

 BEE8D0

 D5E8DE

 EDE8EB

 FFE8F8

Harmonies

Analogous

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



A8DC46



33E882



00EDCB

Triad

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



33E882



00D3FF



FF9287

Complementary

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



33E882



E83399

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.



FF88CD



33E882



CDB8FF

Square

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



33E882



00E5FF



FF99FF



FFAD4D

Rectangle

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



33E882



00EDFB



FF99FF



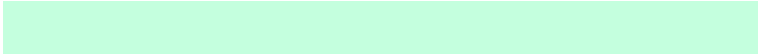
FF8C9E

Sweetspot

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



33E882



C4FFDE



9AE833



5C806B



000000



808080

Same Dimension

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



33E882



0FFF78



33E8DC



67736C



00B34E



003316

Inverse Universe

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



E83399



FF0F96



E8333F



73676E



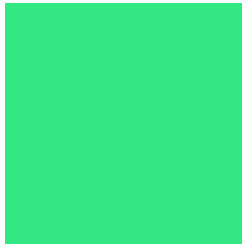
B30065



33001D

Previews

White Background



This preview shows how the Hex color 33E882 looks on a white background.

Color Contrast Check

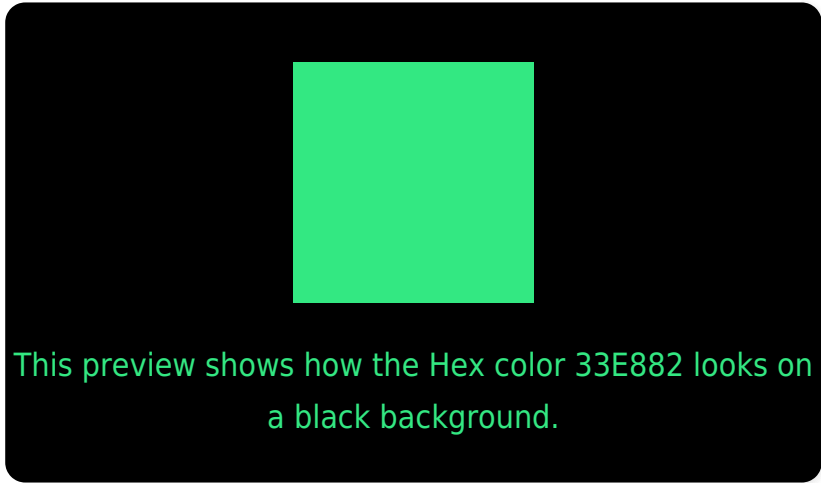
Large Text (above 18pt) WCAG AA × Fail

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 33E882 Background



This preview shows how black text looks on a background with the Hex color 33E882.

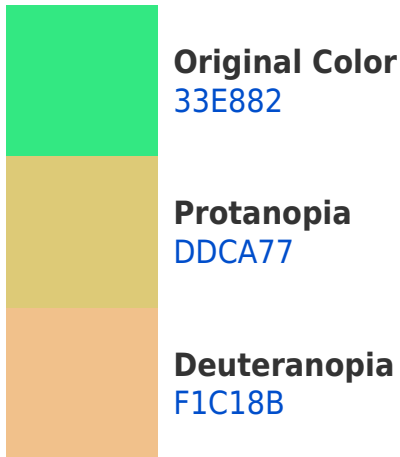


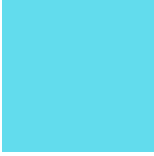
This preview shows how white text looks on a background with the Hex color 33E882.

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
62DCED

Trichromacy



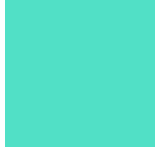
Original Color
33E882



Protanomaly
9FD57B



Deuteranomaly
ACCF88



Tritanomaly
51E0C6

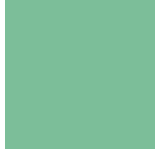
Monochromacy



Original Color
33E882



Achromatopsia
A6A6A6



Achromatomaly
7CBE99

CSS Examples

Text

The CSS property to change the color of the text to Hex 33E882 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 #33E882 looks like.

```
.text, #text, p{  
    color:#33E882  
}
```

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 #33E882 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33E882
}
```

Border

The CSS property to change the border of an element to Hex 33E882 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
#33E882 }
```

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

```
.border{ border-color:#33E882 }
```

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

Here you see how a box with a 4 pixel #33E882 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33E882; -webkit-box-shadow:4px 4px  
4px 4px #33E882; box-shadow:4px 4px 4px  
4px #33E882 }
```

Background

The CSS property to change the background color of an element to Hex 33E882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33E882 }
```

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

```
.background{ background-color:#33E882 }
```

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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