

Converting Colors

Hex(33F3DE)

Have a look what the booklet for
Hex(33F3DE) contains.

Hex(33F3DE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(33F3DE)

Conversions

Conversions Part 1

Format	Color
Hex	33F3DE
RGB	51, 243, 222
RGB Percent	20%, 95%, 87%
CMY	0.8000, 0.0471, 0.1294
CMYK	0.79, 0.00, 0.09, 0.05
HSL	173°, 89%, 58%
HSV	173°, 79%, 95%
XYZ	46.6006, 70.0789, 80.1777
YIQ	183.1980, -107.6910, -47.2350

Conversions

Conversions Part 2

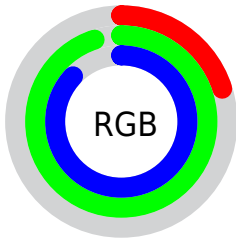
Format	Color
RYB	51, 153, 243
Decimal	3404766
CIELab	87.04, -49.85, -2.96
CIELCh	87, 49.942, 183.394
Yxy	70.0789, 0.2367, 0.3560
Android (android.graphics.Color)	4281594846 (0xFF33F3DE)
YUV	183.1980, 19.1294, -115.9376
Hunter-Lab	83.7132, -47.1323, 1.8132

Details

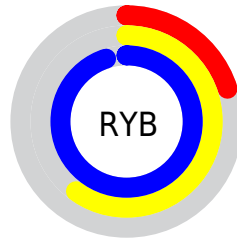
The Hex color **33F3DE** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **F33348**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **82FFFF**, and **00BAA7** is the 20% darker color. If you saturate the color by 10%, you get **1BF3DB**, and if you desaturate by 10%, it is **4BF3E1**.

Distribution



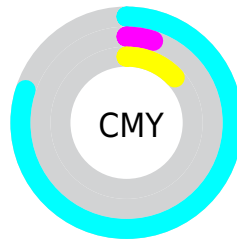
- Red (20%)
- Green (95%)
- Blue (87%)



- Red (20%)
- Yellow (60%)
- Blue (95%)



- Cyan (79%)
- Magenta (0%)
- Yellow (9%)
- Black (5%)



- Cyan (80%)
- Magenta (5%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33F3DE 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 33F3DE by changing the saturation by 10% instead.

 33F3DE

 33F3DE


FFFFFF

 00D6C2

 82FFFF

 00BAA7

 A3FFFF

 009E8D

 C3FFFF

 008373

 E3FFFF

 00695B

 005043

 00382D

 002119

 000000

 33F3DE

 33F3DE

 1BF3DB

 4BF3E1

 02F3D9

 64F3E3

 00F3D8

 7CF3E6

 94F3E9

 ACF3EB

 C5F3EE

 DDF3F1

 F5F3F3

 FFF3F6

Harmonies

Analogous

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



86EFAE



33F3DE



00F1FF

Triad

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



33F3DE



E6CCFF



FFC886

Complementary

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



33F3DE



F33348

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.



FFBAA8



33F3DE



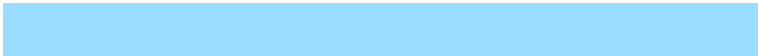
FFBBFF

Square

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



33F3DE



9BDDFF



FFB4D6



F3D97A

Rectangle

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



33F3DE



00EDFF



FFB4D6



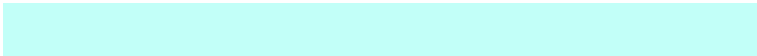
FFC38F

Sweetspot

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



33F3DE



C2FFF8



49F333



5B807B



000000



808080

Same Dimension

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



33F3DE



0DFFE5



33A9F3



6E7A79



00BAA6



003B34

Inverse Universe

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



F33348



FF0D27



F37D33



7A6E6F



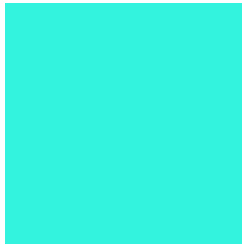
BA0014



3B0006

Previews

White Background



This preview shows how the Hex color 33F3DE looks on a white background.

Color Contrast Check

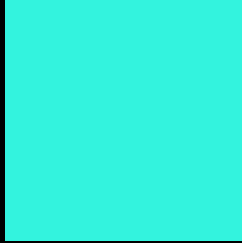
Large Text (above 18pt) WCAG AA × Fail

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 33F3DE 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 33F3DE Background



This preview shows how black text looks on a background with the Hex color 33F3DE.

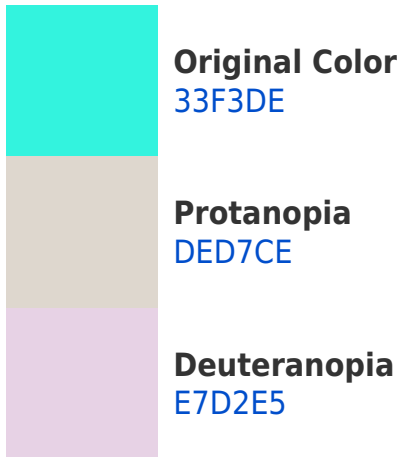


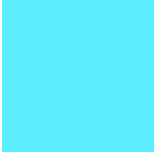
This preview shows how white text looks on a background with the Hex color 33F3DE.

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



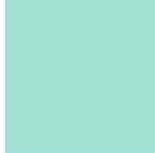


Tritanopia
5CEDFF

Trichromacy



Original Color
33F3DE



Protanomaly
A0E1D4



Deuteranomaly
A6DEE2

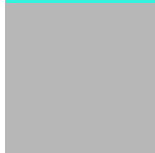


Tritanomaly
4DEFF3

Monochromacy



Original Color
33F3DE



Achromatopsia
B7B7B7



Achromatomaly
87CDC5

CSS Examples

Text

The CSS property to change the color of the text to Hex 33F3DE 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 #33F3DE looks like.

```
.text, #text, p{  
    color:#33F3DE  
}
```

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 #33F3DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33F3DE
}
```

Border

The CSS property to change the border of an element to Hex 33F3DE 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
#33F3DE }
```

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

```
.border{ border-color:#33F3DE }
```

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

Here you see how a box with a 4 pixel #33F3DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33F3DE; -webkit-box-shadow:4px 4px  
4px 4px #33F3DE; box-shadow:4px 4px 4px  
4px #33F3DE }
```

Background

The CSS property to change the background color of an element to Hex 33F3DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33F3DE }
```

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

```
.background{ background-color:#33F3DE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor