

Converting Colors

Hex(33F4AE)

Have a look what the booklet for
Hex(33F4AE) contains.

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Color

Hex(33F4AE)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 33F4AE |
| RGB | 51, 244, 174 |
| RGB Percent | 20%, 96%, 68% |
| CMY | 0.8000, 0.0431, 0.3176 |
| CMYK | 0.79, 0.00, 0.29, 0.04 |
| HSL | 158°, 90%, 58% |
| HSV | 158°, 79%, 96% |
| XYZ | 41.3559, 68.4612, 51.0790 |
| YIQ | 178.3130, -92.5580, -62.6860 |

Conversions

Conversions Part 2

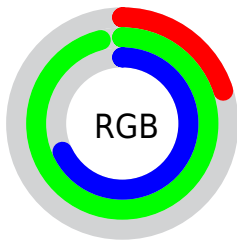
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 51, 169, 244 |
| Decimal | 3404974 |
| CIE Lab | 86.24, -61.79, 20.87 |
| CIE LCh | 86, 65.222, 161.340 |
| Yxy | 68.4612, 0.2570, 0.4255 |
| Android (android.graphics.Color) | 4281595054 (0xFF33F4AE) |
| YUV | 178.3130, -2.1263, -111.6535 |
| Hunter-Lab | 82.7413, -55.5790, 21.3171 |

Details

The Hex color **33F4AE** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **F43379**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **80FFE6**, and **00BA79** is the 20% darker color. If you saturate the color by 10%, you get **1BF4A5**, and if you desaturate by 10%, it is **4BF4B7**.

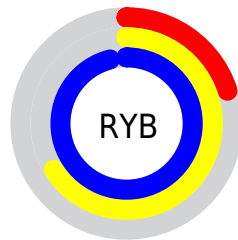
Distribution



Red (20%)

Green (96%)

Blue (68%)



Red (20%)

Yellow (66%)

Blue (96%)

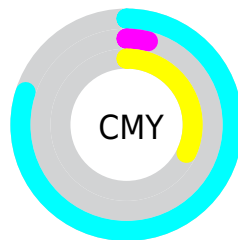


Cyan (79%)

Magenta (0%)

Yellow (29%)

Black (4%)



Cyan (80%)

Magenta (4%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33F4AE 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 33F4AE by changing the saturation by 10% instead.

 33F4AE

 33F4AE

FFFFFF

 00D793

 80FFE6

 00BA79

 A0FFFF

 009F60

 C0FFFF

 008348

 E0FFFF

 006931

 004F1B

 003703

 001E00

 000000

 33F4AE

 33F4AE

 1BF4A5

 4BF4B7

 02F49C

 64F4C0

 00F49C

 7CF4C9

 95F4D1

 ADF4DA

 C5F4E3

 DEF4EC

 F6F4F5

 FFF4FE

Harmonies

Analogous

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



A1EB77



33F4AE



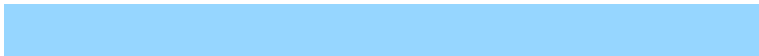
00F7EE

Triad

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



33F4AE



96D6FF



FFB089

Complementary

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



33F4AE



F43379

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.



FFA2C3



33F4AE



FBBEFF

Square

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



33F4AE



00E9FF



FFA8FF



FFC760

Rectangle

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



33F4AE



00F5FF



FFA8FF



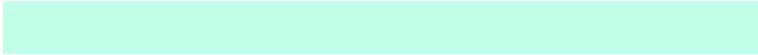
FFAA9B

Sweetspot

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



33F4AE



C2FFE9



7AF433



5B8072



000000



808080

Same Dimension

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



33F4AE



0DFFA7



33DAF4



6E7A76



00BA77



003B25

Inverse Universe

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



F43379



FF0D65



F44D33



7A6E73



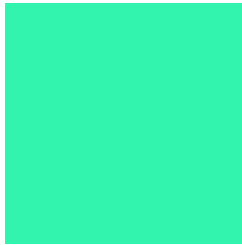
BA0044



3B0015

Previews

White Background



This preview shows how the Hex color 33F4AE looks on a white background.

Color Contrast Check

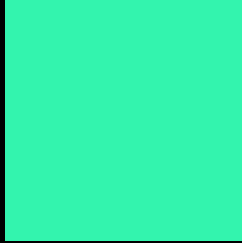
Large Text (above 18pt) WCAG AA × Fail

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 33F4AE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

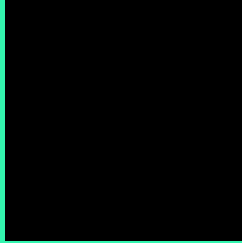
Any Text WCAG AA ✓ Pass

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 33F4AE Background



This preview shows how black text looks on a background with the Hex color 33F4AE.

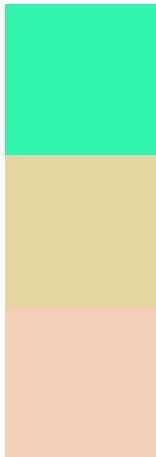


This preview shows how white text looks on a background with the Hex color 33F4AE.

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](#).

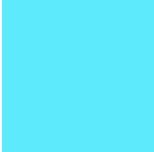
Dichromacy



Original Color
33F4AE

Protanopia
E5D5A0

Deuteranopia
F5CEB7



Tritanopia
5DEAFD

Trichromacy



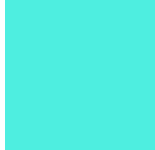
Original Color
33F4AE



Protanomaly
A4E0A5



Deuteranomaly
AEDCB4



Tritanomaly
4EEEE0

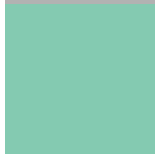
Monochromacy



Original Color
33F4AE



Achromatopsia
B2B2B2



Achromatomaly
84CAB1

CSS Examples

Text

The CSS property to change the color of the text to Hex 33F4AE 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 #33F4AE looks like.

```
.text, #text, p{  
    color:#33F4AE  
}
```

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 #33F4AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33F4AE
}
```

Border

The CSS property to change the border of an element to Hex 33F4AE 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
#33F4AE }
```

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

```
.border{ border-color:#33F4AE }
```

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

Here you see how a box with a 4 pixel #33F4AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33F4AE; -webkit-box-shadow:4px 4px  
4px 4px #33F4AE; box-shadow:4px 4px 4px  
4px #33F4AE }
```

Background

The CSS property to change the background color of an element to Hex 33F4AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33F4AE }
```

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

```
.background{ background-color:#33F4AE }
```

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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