

Converting Colors

Hex(33FFAE)

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

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Color

Hex(33FFAE)

Conversions

Conversions Part 1

Format	Color
Hex	33FFAE
RGB	51, 255, 174
RGB Percent	20%, 100%, 68%
CMY	0.8000, 0.0000, 0.3176
CMYK	0.80, 0.00, 0.32, 0.00
HSL	156°, 100%, 60%
HSV	156°, 80%, 100%
XYZ	44.7652, 75.2798, 52.2155
YIQ	184.7700, -95.5830, -68.4390

Conversions

Conversions Part 2

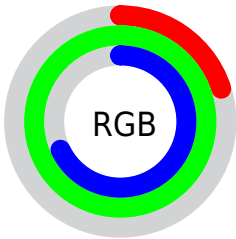
Format	Color
RYB	51, 178, 255
Decimal	3407790
CIELab	89.52, -65.83, 25.39
CIELCh	90, 70.553, 158.906
Yxy	75.2798, 0.2599, 0.4370
Android (android.graphics.Color)	4281597870 (0xFF33FFAE)
YUV	184.7700, -5.3096, -117.3163
Hunter-Lab	86.7639, -59.7411, 25.0534

Details

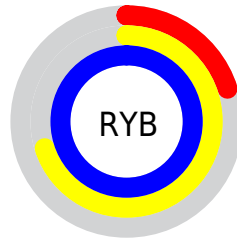
The Hex color **33FFAE** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **FF3384**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **82FFE6**, and **00C579** is the 20% darker color. If you saturate the color by 10%, you get **19FFA4**, and if you desaturate by 10%, it is **4DFFB8**.

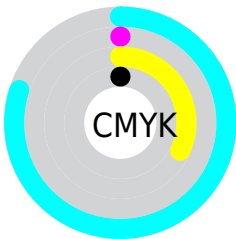
Distribution



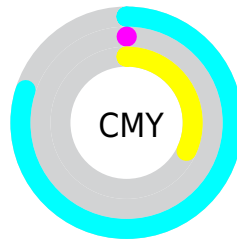
- Red (20%)
- Green (100%)
- Blue (68%)



- Red (20%)
- Yellow (70%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)



- Cyan (80%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients

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

 33FFAE

FFFFFF

 82FFE6

 A3FFFF

 C3FFFF

 E3FFFF

 33FFAE

 00E293

 00C579

 00A960

 008D48

 007230

 00581A

 003F02

 002700

 000000

 33FFAE

 33FFAE

 19FFA4

 4DFFB8

 00FF9A

 66FFC2

 80FFCC

 99FFD7

 B3FFE1

 CCFFEB

 E6FFF5

FFFFFF

Harmonies

Analogous

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



ABF573



33FFAE



00FFF4

Triad

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



33FFAE



89E2FF



FFB390

Complementary

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



33FFAE



FF3384

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.



FFA5CF



33FFAE



FFC7FF

Square

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



33FFAE



00F5FF



FFAEFF



FFCC61

Rectangle

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



33FFAE



00FFFF



FFAEFF



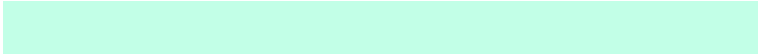
FFACA4

Sweetspot

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



33FFAE



C2FFE7



85FF33



5B8071



000000



808080

Same Dimension

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



33FFAE



0AFF9E



33EBFF



73807A



00BF73



004026

Inverse Universe

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



FF3384



FF0A6B



FF4733



807378



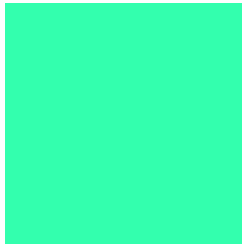
BF004C



400019

Previews

White Background



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

Color Contrast Check

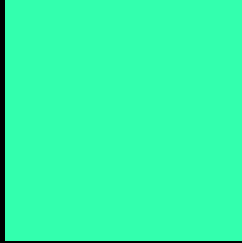
Large Text (above 18pt) WCAG AA × Fail

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 33FFAE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

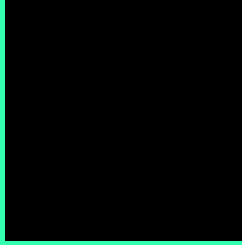
Any Text WCAG AA ✓ Pass

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 33FFAE Background



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

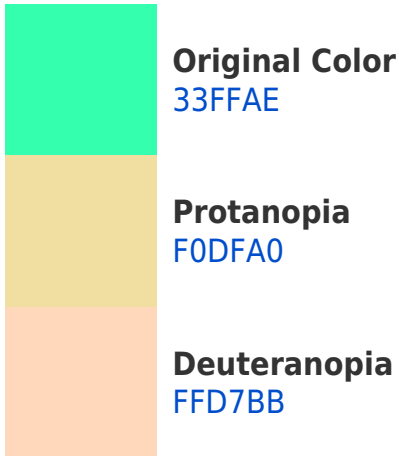


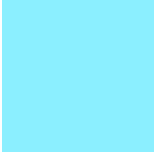
This preview shows how white text looks on a background with the Hex color 33FFAE.

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



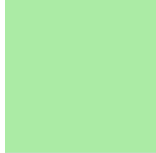


Tritanopia
8BEFFF

Trichromacy



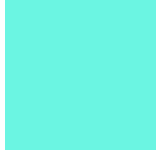
Original Color
33FFAE



Protanomaly
ABEBA5



Deuteranomaly
B5E6B6

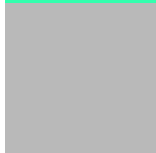


Tritanomaly
6BF5E2

Monochromacy



Original Color
33FFAE



Achromatopsia
B9B9B9



Achromatomaly
88D2B5

CSS Examples

Text

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

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

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 #33FFAE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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