

Converting Colors

Hex(33F5AF)

Have a look what the booklet for
Hex(33F5AF) contains.

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Color

Hex(33F5AF)

Conversions

Conversions Part 1

Format	Color
Hex	33F5AF
RGB	51, 245, 175
RGB Percent	20%, 96%, 69%
CMY	0.8000, 0.0392, 0.3137
CMYK	0.79, 0.00, 0.29, 0.04
HSL	158°, 91%, 58%
HSV	158°, 79%, 96%
XYZ	41.7555, 69.1038, 51.6951
YIQ	179.0140, -93.1540, -62.8980

Conversions

Conversions Part 2

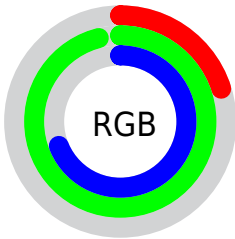
Format	Color
R _{YB}	51, 169, 245
Decimal	3405231
CIE Lab	86.56, -61.95, 20.80
CIE LCh	87, 65.349, 161.445
Yxy	69.1038, 0.2569, 0.4251
Android (android.graphics.Color)	4281595311 (0xFF33F5AF)
YUV	179.0140, -1.9789, -112.2683
Hunter-Lab	83.1287, -55.8147, 21.3195

Details

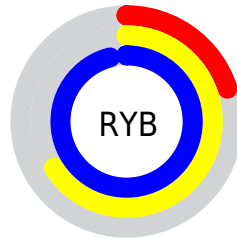
The Hex color **33F5AF** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **F53379**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **80FFE7**, and **00BB7A** is the 20% darker color. If you saturate the color by 10%, you get **1AF5A6**, and if you desaturate by 10%, it is **4CF5B8**.

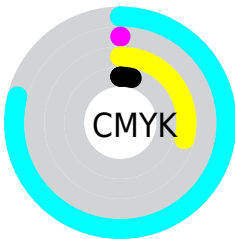
Distribution



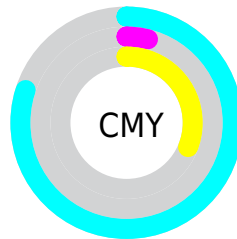
- Red (20%)
- Green (96%)
- Blue (69%)



- Red (20%)
- Yellow (66%)
- Blue (96%)



- Cyan (79%)
- Magenta (0%)
- Yellow (29%)
- Black (4%)



- Cyan (80%)
- Magenta (4%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33F5AF 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 33F5AF by changing the saturation by 10% instead.

 33F5AF

FFFFFF

 80FFE7

 A1FFFF

 C0FFFF


 E0FFFF

 33F5AF

 00D894

 00BB7A

 00A061

 008449

 006A32

 00501C

 003804

 001F00

 000000

 33F5AF

 33F5AF

 1AF5A6

 4CF5B8

 02F59D

 64F5C1

 00F59D

 7DF5CA

 95F5D2

 AEF5DB

 C6F5E4

 DFF5ED

 F7F5F6

 FFF5FF

Harmonies

Analogous

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



A1EC78



33F5AF



00F8EF

Triad

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



33F5AF



97D7FF



FFB189

Complementary

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



33F5AF



F53379

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.



FFA3C3



33F5AF



FCBFFF

Square

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



33F5AF



00EAFB



FFA9FF



FFC761

Rectangle

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



33F5AF



00F6FF



FFA9FF



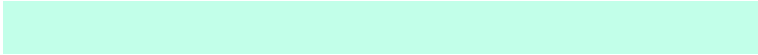
FFAA9B

Sweetspot

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



33F5AF



C2FFE9



7AF533



5B8072



000000



808080

Same Dimension

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



33F5AF



0DFFA8



33DBF5



6E7A76



00BA77



003B25

Inverse Universe

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



F53379



FF0D64



F54D33



7A6E73



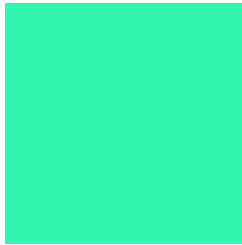
BA0043



3B0015

Previews

White Background



This preview shows how the Hex color 33F5AF 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 33F5AF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

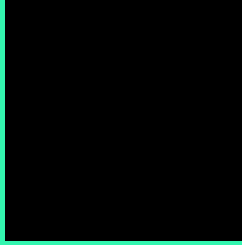
Any Text WCAG AA ✓ Pass

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 33F5AF Background



This preview shows how black text looks on a background with the Hex color 33F5AF.

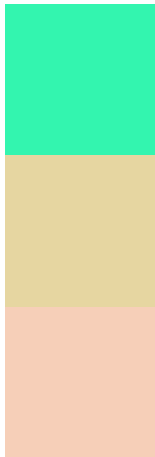


This preview shows how white text looks on a background with the Hex color 33F5AF.

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](#).

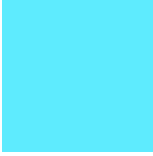
Dichromacy



Original Color
33F5AF

Protanopia
E6D6A1

Deuteranopia
F6CFB8



Tritanopia
5EEBFE

Trichromacy



Original Color
33F5AF



Protanomaly
A5E1A6



Deuteranomaly
AFDDB5

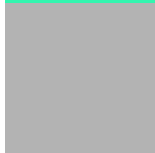


Tritanomaly
4EEFE1

Monochromacy



Original Color
33F5AF



Achromatopsia
B3B3B3



Achromatomaly
84CBB2

CSS Examples

Text

The CSS property to change the color of the text to Hex 33F5AF 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 #33F5AF looks like.

```
.text, #text, p{  
    color:#33F5AF  
}
```

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 #33F5AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33F5AF
}
```

Border

The CSS property to change the border of an element to Hex 33F5AF 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
#33F5AF }
```

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

```
.border{ border-color:#33F5AF }
```

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

Here you see how a box with a 4 pixel #33F5AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33F5AF; -webkit-box-shadow:4px 4px  
4px 4px #33F5AF; box-shadow:4px 4px 4px  
4px #33F5AF }
```

Background

The CSS property to change the background color of an element to Hex 33F5AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33F5AF }
```

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

```
.background{ background-color:#33F5AF }
```

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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