

Converting Colors

Hex(33FF8A)

Have a look what the booklet for
Hex(33FF8A) contains.

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Color

Hex(33FF8A)

Conversions

Conversions Part 1

Format	Color
Hex	33FF8A
RGB	51, 255, 138
RGB Percent	20%, 100%, 54%
CMY	0.8000, 0.0000, 0.4588
CMYK	0.80, 0.00, 0.46, 0.00
HSL	146°, 100%, 60%
HSV	146°, 80%, 100%
XYZ	41.7127, 74.0588, 36.1410
YIQ	180.6660, -84.0270, -79.6350

Conversions

Conversions Part 2

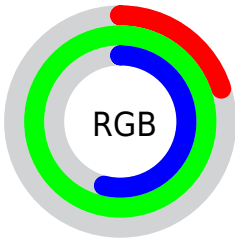
Format	Color
RYB	51, 194, 255
Decimal	3407754
CIELab	88.95, -72.40, 42.47
CIELCh	89, 83.942, 149.604
Yxy	74.0588, 0.2746, 0.4875
Android (android.graphics.Color)	4281597834 (0xFF33FF8A)
YUV	180.6660, -21.0343, -113.7171
Hunter-Lab	86.0574, -64.0802, 35.3405

Details

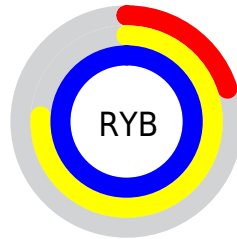
The Hex color **33FF8A** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **FF33A8**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **82FFC1**, and **00C556** is the 20% darker color. If you saturate the color by 10%, you get **19FF7B**, and if you desaturate by 10%, it is **4DFF99**.

Distribution



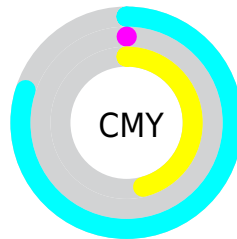
- Red (20%)
- Green (100%)
- Blue (54%)



- Red (20%)
- Yellow (76%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (46%)
- Black (0%)



- Cyan (80%)
- Magenta (0%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33FF8A 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 33FF8A by changing the saturation by 10% instead.

 33FF8A

 33FF8A

FFFFFF

 00E270

 82FFC1

 00C556

 A3FFDD

 00A83C

 C3FFFA

 008D22

 E3FFFF

 007202

 005700

 003F00

 002500

 000000

 33FF8A

 33FF8A

 19FF7B

 4DFF99

 00FF6D

 66FFA7

 80FFB6

 99FFC4

 B3FFD3

 CCFFE2

 E6FFF0

FFFFFF

Harmonies

Analogous

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



B9F245



33FF8A



00FFDC

Triad

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



33FF8A



00E9FF



FF9D95

Complementary

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



33FF8A



FF33A8

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.



FF92E4



33FF8A



DCCBFF

Square

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



33FF8A



00FCFF



FFA7FF



FFBC52

Rectangle

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



33FF8A



00FFFF



FFA7FF



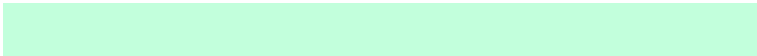
FF96AE

Sweetspot

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



33FF8A



C2FFDC



AAFF33



5B806A



000000



808080

Same Dimension

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



33FF8A



0AFF73



33FFEE



738078



00BF52



00401B

Inverse Universe

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



FF33A8



FF0A97



FF3344



80737A



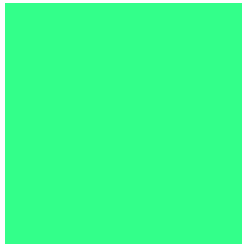
BF006E



400025

Previews

White Background



This preview shows how the Hex color 33FF8A 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 33FF8A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

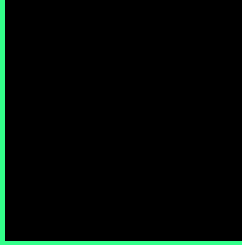
Any Text WCAG AA ✓ Pass

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 33FF8A Background



This preview shows how black text looks on a background with the Hex color 33FF8A.

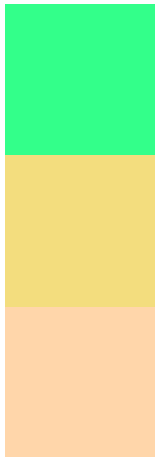


This preview shows how white text looks on a background with the Hex color 33FF8A.

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](#).

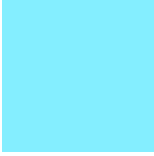
Dichromacy



Original Color
33FF8A

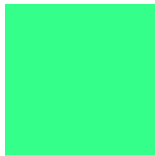
Protanopia
F3DD7E

Deuteranopia
FFD6AA



Tritanopia
84EEFF

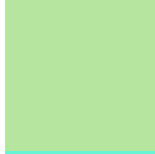
Trichromacy



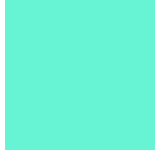
Original Color
33FF8A



Protanomaly
ADE982



Deuteranomaly
B5E59E



Tritanomaly
67F4D4

Monochromacy



Original Color
33FF8A



Achromatopsia
B5B5B5



Achromatomaly
86D0A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 33FF8A 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 #33FF8A looks like.

```
.text, #text, p{  
    color:#33FF8A  
}
```

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 #33FF8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33FF8A
}
```

Border

The CSS property to change the border of an element to Hex 33FF8A 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
#33FF8A }
```

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

```
.border{ border-color:#33FF8A }
```

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

Here you see how a box with a 4 pixel #33FF8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33FF8A; -webkit-box-shadow:4px 4px  
4px 4px #33FF8A; box-shadow:4px 4px 4px  
4px #33FF8A }
```

Background

The CSS property to change the background color of an element to Hex 33FF8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33FF8A }
```

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

```
.background{ background-color:#33FF8A }
```

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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