

Converting Colors

Hex(33FFB9)

Have a look what the booklet for
Hex(33FFB9) contains.

Hex(33FFB9)	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(33FFB9)

Conversions

Conversions Part 1

Format	Color
Hex	33FFB9
RGB	51, 255, 185
RGB Percent	20%, 100%, 73%
CMY	0.8000, 0.0000, 0.2745
CMYK	0.80, 0.00, 0.27, 0.00
HSL	159°, 100%, 60%
HSV	159°, 80%, 100%
XYZ	45.8822, 75.7266, 58.0974
YIQ	186.0240, -99.1140, -65.0180

Conversions

Conversions Part 2

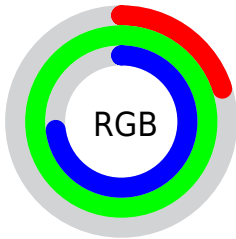
Format	Color
RYB	51, 174, 255
Decimal	3407801
CIELab	89.73, -63.51, 20.08
CIELCh	90, 66.613, 162.455
Yxy	75.7266, 0.2553, 0.4214
Android (android.graphics.Color)	4281597881 (0xFF33FFB9)
YUV	186.0240, -0.5048, -118.4160
Hunter-Lab	87.0210, -58.1719, 21.3312

Details

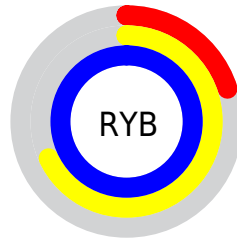
The Hex color **33FFB9** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **FF3379**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **82FFF1**, and **00C584** is the 20% darker color. If you saturate the color by 10%, you get **19FFB0**, and if you desaturate by 10%, it is **4DFFC2**.

Distribution



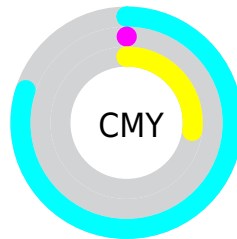
- Red (20%)
- Green (100%)
- Blue (73%)



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



- Cyan (80%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (80%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33FFB9 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 33FFB9 by changing the saturation by 10% instead.

 33FFB9

FFFFFF

 82FFF1

 A3FFFF

 C4FFFF

 E3FFFF

 33FFB9

 00E29E

 00C584

 00A96A

 008D52

 00733A

 005824

 003F0F

 002700

 000000

 33FFB9

 33FFB9

 19FFB0

 4DFFC2

 00FFA7

 66FFCB

 80FFD3

 99FFDC

 B3FFE5

 CCFFEE

 E6FFF6

FFFFFF

Harmonies

Analogous

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



A6F680



33FFB9



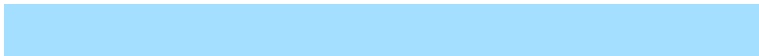
00FFFB

Triad

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



33FFB9



A4DFFF



FFB98F

Complementary

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



33FFB9



FF3379

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.



FFABC9



33FFB9



FFC6FF

Square

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



33FFB9



00F3FF



FFB0FF



FFD166

Rectangle

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



33FFB9



00FFFF



FFB0FF



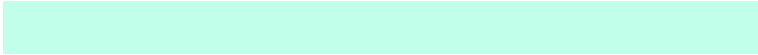
FFB3A1

Sweetspot

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



33FFB9



C2FFEA



7AFF33



5B8073



000000



808080

Same Dimension

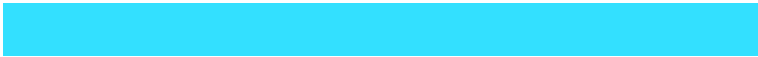
The Same Dimension uses a secret algorithm to generate beautiful new colors.



33FFB9



0AFFAB



33E0FF



73807B



00BF7E



00402A

Inverse Universe

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



FF3379



FF0A5E



FF5233



807377



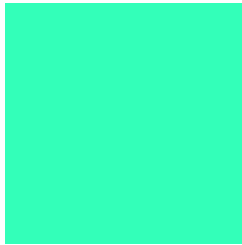
BF0042



400016

Previews

White Background



This preview shows how the Hex color 33FFB9 looks on a white background.

Color Contrast Check

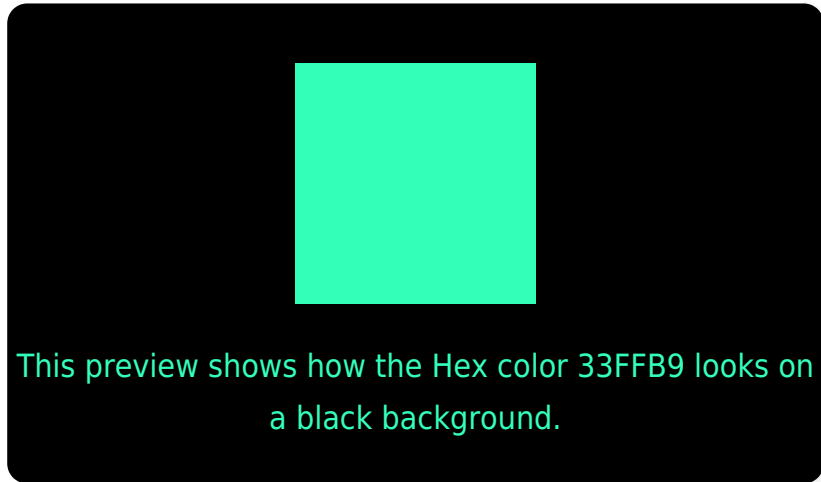
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

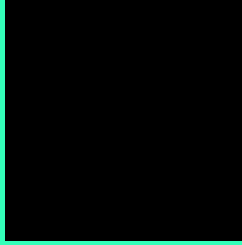
Any Text WCAG AA ✓ Pass

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 33FFB9 Background



This preview shows how black text looks on a background with the Hex color 33FFB9.

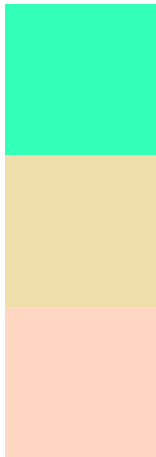


This preview shows how white text looks on a background with the Hex color 33FFB9.

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](#).

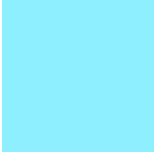
Dichromacy



Original Color
33FFB9

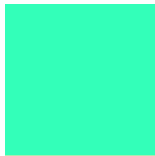
Protanopia
EFDFAA

Deuteranopia
FFD7C3

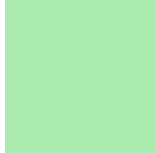


Tritanopia
8EF0FF

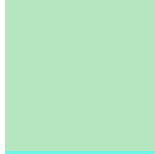
Trichromacy



Original Color
33FFB9



Protanomaly
ABEBAF



Deuteranomaly
B5E6BF

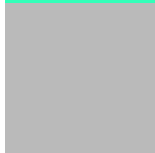


Tritanomaly
6DF5E6

Monochromacy



Original Color
33FFB9



Achromatopsia
BABABA



Achromatomaly
89D3BA

CSS Examples

Text

The CSS property to change the color of the text to Hex 33FFB9 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 #33FFB9 looks like.

```
.text, #text, p{  
    color:#33FFB9  
}
```

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 #33FFB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33FFB9
}
```

Border

The CSS property to change the border of an element to Hex 33FFB9 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
#33FFB9 }
```

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

```
.border{ border-color:#33FFB9 }
```

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

Here you see how a box with a 4 pixel #33FFB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33FFB9; -webkit-box-shadow:4px 4px  
4px 4px #33FFB9; box-shadow:4px 4px 4px  
4px #33FFB9 }
```

Background

The CSS property to change the background color of an element to Hex 33FFB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33FFB9 }
```

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

```
.background{ background-color:#33FFB9 }
```

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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