

Converting Colors

Hex(33FF96)

Have a look what the booklet for
Hex(33FF96) contains.

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Color

Hex(33FF96)

Conversions

Conversions Part 1

Format	Color
Hex	33FF96
RGB	51, 255, 150
RGB Percent	20%, 100%, 59%
CMY	0.8000, 0.0000, 0.4118
CMYK	0.80, 0.00, 0.41, 0.00
HSL	149°, 100%, 60%
HSV	149°, 80%, 100%
XYZ	42.6303, 74.4258, 40.9729
YIQ	182.0340, -87.8790, -75.9030

Conversions

Conversions Part 2

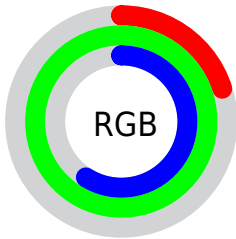
Format	Color
RYB	51, 188, 255
Decimal	3407766
CIELab	89.12, -70.38, 36.86
CIELCh	89, 79.450, 152.362
Yxy	74.4258, 0.2698, 0.4710
Android (android.graphics.Color)	4281597846 (0xFF33FF96)
YUV	182.0340, -15.7928, -114.9168
Hunter-Lab	86.2704, -62.7680, 32.2303

Details

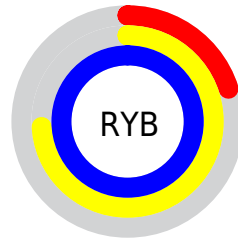
The Hex color **33FF96** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **FF339C**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **82FFCD**, and **00C562** is the 20% darker color. If you saturate the color by 10%, you get **19FF89**, and if you desaturate by 10%, it is **4DFFA3**.

Distribution



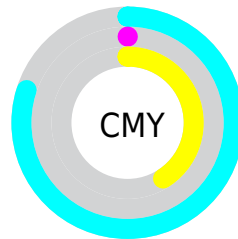
- Red (20%)
- Green (100%)
- Blue (59%)



- Red (20%)
- Yellow (74%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)



- Cyan (80%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33FF96 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 33FF96 by changing the saturation by 10% instead.

 33FF96

FFFFFF

 82FFCD

 A3FFEA

 C3FFFF

 E3FFFF

 33FF96

 00E27C

 00C562

 00A849

 008D30

 007217

 005800

 003F00

 002600

 000000

 33FF96

 33FF96

 19FF89

 4DFFA3

 00FF7C

 66FFB0

 80FFBD

 99FFCB

 B3FFD8

 CCFFE5

 E6FFF2

FFFFFF

Harmonies

Analogous

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



B5F355



33FF96



00FE4

Triad

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



33FF96



00E7FF



FFA593

Complementary

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



33FF96



FF339C

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.



FF98DD



33FF96



E9C9FF

Square

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



33FF96



00FAFF



FFA9FF



FFC256

Rectangle

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



33FF96



00FFFF



FFA9FF



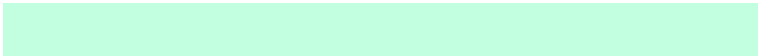
FF9EAB

Sweetspot

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



33FF96



C2FFE0



9CFF33



5B806C



000000



808080

Same Dimension

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



33FF96



0AFF81



33FFFC



738079



00BF5D



00401F

Inverse Universe

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



FF339C



FF0A88



FF3336



807379



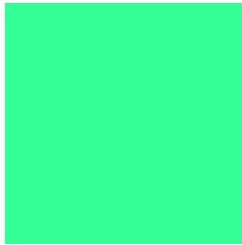
BF0062



400021

Previews

White Background



This preview shows how the Hex color 33FF96 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 33FF96 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

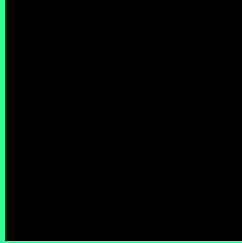
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

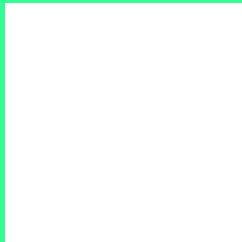
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 33FF96 Background



This preview shows how black text looks on a background with the Hex color 33FF96.

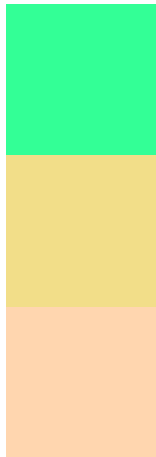


This preview shows how white text looks on a background with the Hex color 33FF96.

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](#).

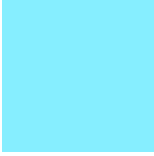
Dichromacy



Original Color
33FF96

Protanopia
F2DE89

Deuteranopia
FFD6AF



Tritanopia
86EEFF

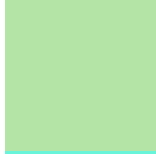
Trichromacy



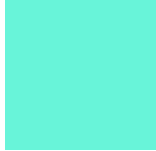
Original Color
33FF96



Protanomaly
ADEA8E

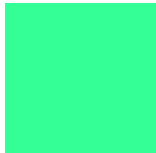


Deuteranomaly
B5E5A6

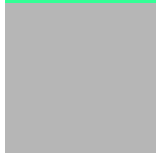


Tritanomaly
68F4D9

Monochromacy



Original Color
33FF96



Achromatopsia
B6B6B6



Achromatomaly
86D1AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 33FF96 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 #33FF96 looks like.

```
.text, #text, p{  
    color:#33FF96  
}
```

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 #33FF96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33FF96
}
```

Border

The CSS property to change the border of an element to Hex 33FF96 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
#33FF96 }
```

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

```
.border{ border-color:#33FF96 }
```

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

Here you see how a box with a 4 pixel #33FF96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33FF96; -webkit-box-shadow:4px 4px  
4px 4px #33FF96; box-shadow:4px 4px 4px  
4px #33FF96 }
```

Background

The CSS property to change the background color of an element to Hex 33FF96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33FF96 }
```

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

```
.background{ background-color:#33FF96 }
```

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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