

Converting Colors

Hex(33FFC2)

Have a look what the booklet for
Hex(33FFC2) contains.

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Color

Hex(33FFC2)

Conversions

Conversions Part 1

Format	Color
Hex	33FFC2
RGB	51, 255, 194
RGB Percent	20%, 100%, 76%
CMY	0.8000, 0.0000, 0.2392
CMYK	0.80, 0.00, 0.24, 0.00
HSL	162°, 100%, 60%
HSV	162°, 80%, 100%
XYZ	46.8628, 76.1188, 63.2614
YIQ	187.0500, -102.0030, -62.2190

Conversions

Conversions Part 2

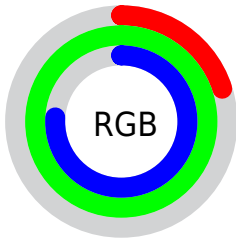
Format	Color
RYB	51, 171, 255
Decimal	3407810
CIELab	89.91, -61.53, 15.72
CIELCh	90, 63.503, 165.664
Yxy	76.1188, 0.2516, 0.4087
Android (android.graphics.Color)	4281597890 (0xFF33FFC2)
YUV	187.0500, 3.4263, -119.3159
Hunter-Lab	87.2461, -56.8023, 18.0816

Details

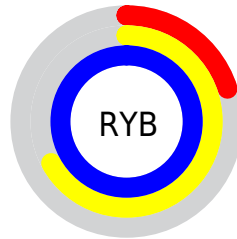
The Hex color **33FFC2** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF3370**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **83FFFB**, and **00C58C** is the 20% darker color. If you saturate the color by 10%, you get **19FFBA**, and if you desaturate by 10%, it is **4DFFCA**.

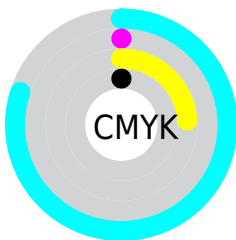
Distribution



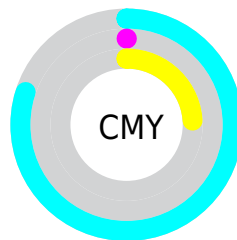
- Red (20%)
- Green (100%)
- Blue (76%)



- Red (20%)
- Yellow (67%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (80%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33FFC2 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 33FFC2 by changing the saturation by 10% instead.

 33FFC2

FFFFFF

 83FFFB

 A4FFFF

 C4FFFF

 E4FFFF

 33FFC2

 00E2A7

 00C58C

 00A973

 008D5A

 007342

 00592C

 003F17

 002800

 000000

 33FFC2

 33FFC2

 19FFBA

 4DFFCA

 00FFB3

 66FFD1

 80FFD9

 99FFE1

 B3FFE8

 CCFFF0

 E6FFF7

FFFFFF

Harmonies

Analogous

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



A2F78A



33FFC2



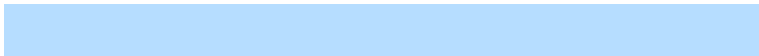
00FFFF

Triad

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



33FFC2



B6DDFF



FFBE8E

Complementary

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



33FFC2



FF3370

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.



FFAFC5



33FFC2



FFC6FF

Square

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



33FFC2



00F1FF



FFB2FF



FFD56A

Rectangle

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



33FFC2



00FFFF



FFB2FF



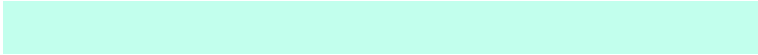
FFB89E

Sweetspot

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



33FFC2



C2FFED



70FF33



5B8074



000000



808080

Same Dimension

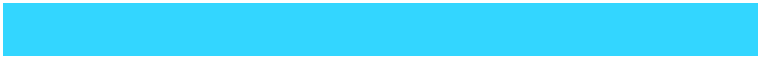
The Same Dimension uses a secret algorithm to generate beautiful new colors.



33FFC2



0AFFB6



33D6FF



73807C



00BF86



00402D

Inverse Universe

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



FF3370



FF0A53



FF5C33



807377



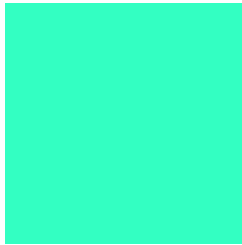
BF0039



400013

Previews

White Background



This preview shows how the Hex color 33FFC2 looks on a white background.

Color Contrast Check

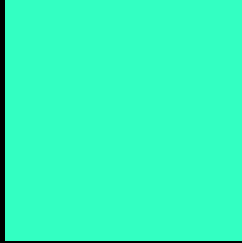
Large Text (above 18pt) WCAG AA × Fail

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 33FFC2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

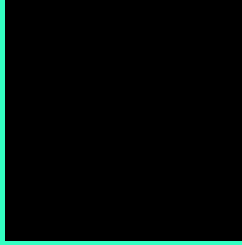
Any Text WCAG AA ✓ Pass

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 33FFC2 Background



This preview shows how black text looks on a background with the Hex color 33FFC2.

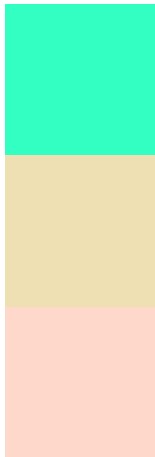


This preview shows how white text looks on a background with the Hex color 33FFC2.

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](#).

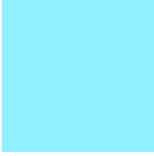
Dichromacy



Original Color
33FFC2

Protanopia
EEE0B3

Deuteranopia
FDD8CB

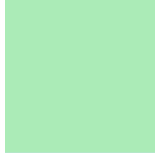


Tritanopia
90F0FF

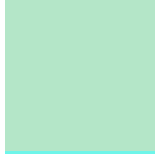
Trichromacy



Original Color
33FFC2



Protanomaly
AAE8B8



Deuteranomaly
B4E6C8

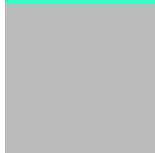


Tritanomaly
6EF5E9

Monochromacy



Original Color
33FFC2



Achromatopsia
BBBBBB



Achromatomaly
8AD4BE

CSS Examples

Text

The CSS property to change the color of the text to Hex 33FFC2 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 #33FFC2 looks like.

```
.text, #text, p{  
    color:#33FFC2  
}
```

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 #33FFC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33FFC2
}
```

Border

The CSS property to change the border of an element to Hex 33FFC2 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
#33FFC2 }
```

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

```
.border{ border-color:#33FFC2 }
```

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

Here you see how a box with a 4 pixel #33FFC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33FFC2; -webkit-box-shadow:4px 4px  
4px 4px #33FFC2; box-shadow:4px 4px 4px  
4px #33FFC2 }
```

Background

The CSS property to change the background color of an element to Hex 33FFC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33FFC2 }
```

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

```
.background{ background-color:#33FFC2 }
```

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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