

Converting Colors

Hex(33FFFD)

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

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Color

Hex(33FFFD)

Conversions

Conversions Part 1

Format	Color
Hex	33FFFD
RGB	51, 255, 253
RGB Percent	20%, 100%, 99%
CMY	0.8000, 0.0000, 0.0078
CMYK	0.80, 0.00, 0.01, 0.00
HSL	179°, 100%, 60%
HSV	179°, 80%, 100%
XYZ	54.8549, 79.3157, 105.3468
YIQ	193.7760, -120.9420, -43.8700

Conversions

Conversions Part 2

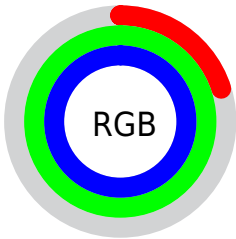
Format	Color
RYB	51, 154, 255
Decimal	3407869
CIELab	91.38, -46.54, -12.68
CIELCh	91, 48.238, 195.238
Yxy	79.3157, 0.2290, 0.3311
Android (android.graphics.Color)	4281597949 (0xFF33FFFD)
YUV	193.7760, 29.1974, -125.2146
Hunter-Lab	89.0593, -45.9092, -7.7916

Details

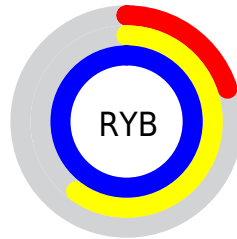
The Hex color **33FFFD** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF3335**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **87FFFF**, and **00C5C4** is the 20% darker color. If you saturate the color by 10%, you get **19FFFD**, and if you desaturate by 10%, it is **4DFFFD**.

Distribution



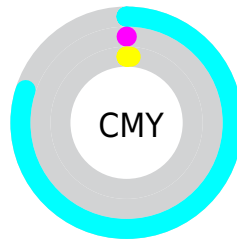
- Red (20%)
- Green (100%)
- Blue (99%)



- Red (20%)
- Yellow (60%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (80%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

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

 33FFFD

 33FFFD

FFFFFF

 00E2E0

 87FFFF

 00C5C4

 A9FFFF

 00AAA9

 C9FFFF


 008F8F

 EAFFFF

 007475

 005B5D

 004245

 002C2F

 000B1B

 33FFFD

 33FFFD

 19FFFD

 4DFFFD

 00FFFD

 66FFFE

 80FFFE

 99FFFE

 B3FFFE

 CCFFFF

 E6FFFF

FFFFFF

Harmonies

Analogous

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



7DFDCD



33FFFD



16FBFF

Triad

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



33FFFD



FFD2FF



FFDC8D

Complementary

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



33FFFD



FF3335

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.



FFCCA7



33FFFD



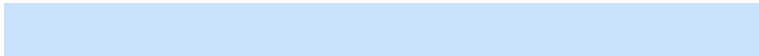
FFC5FF

Square

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



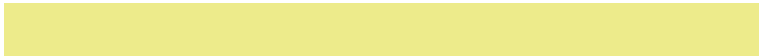
33FFFD



C9E3FF



FFC3D0



EDEB8B

Rectangle

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



33FFFD



5AF5FF



FFC3D0



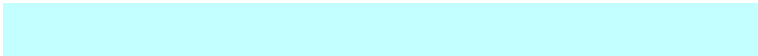
FFD693

Sweetspot

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



33FFFD



C2FFFE



36FF33



5B807F



000000



808080

Same Dimension

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



33FFFD



0AFFFD



339CFF



73807F



00BFBD



00403F

Inverse Universe

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



FF3335



FF0A0D



FF9633



807373



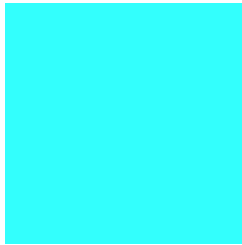
BF0002



400001

Previews

White Background



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

Color Contrast Check

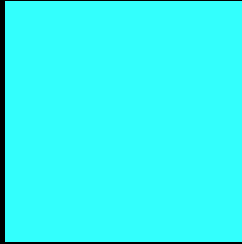
Large Text (above 18pt) WCAG AA × Fail

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 33FFFD 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

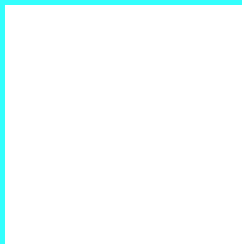
Any Text WCAG AAA ✓ Pass

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

Hex 33FFFD Background



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

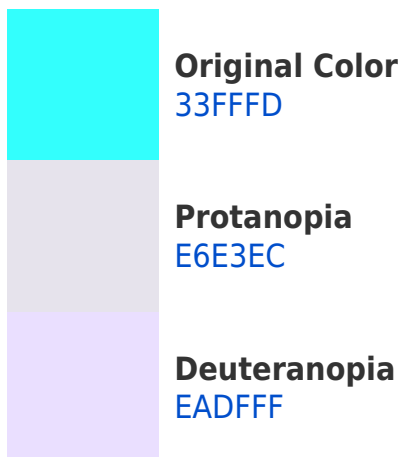


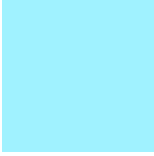
This preview shows how white text looks on a background with the Hex color 33FFFD.

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](#).

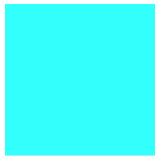
Dichromacy





Tritanopia
A0F2FF

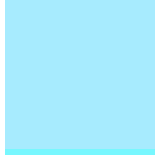
Trichromacy



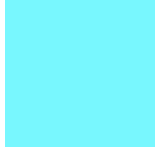
Original Color
33FFFD



Protanomaly
A5EDF2



Deuteranomaly
A7EBFE

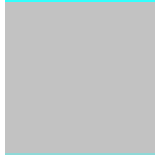


Tritanomaly
78F7FE

Monochromacy



Original Color
33FFFD



Achromatopsia
C2C2C2



Achromatomaly
8ED8D7

CSS Examples

Text

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

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

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 #33FFFD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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