

Converting Colors

Hex(33CC7F)

Have a look what the booklet for
Hex(33CC7F) contains.

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Color

Hex(33CC7F)

Conversions

Conversions Part 1

Format	Color
Hex	33CC7F
RGB	51, 204, 127
RGB Percent	20%, 80%, 50%
CMY	0.8000, 0.2000, 0.5020
CMYK	0.75, 0.00, 0.38, 0.20
HSL	150°, 60%, 50%
HSV	150°, 75%, 80%
XYZ	26.7889, 45.4218, 27.4340
YIQ	149.4750, -66.4710, -56.3830

Conversions

Conversions Part 2

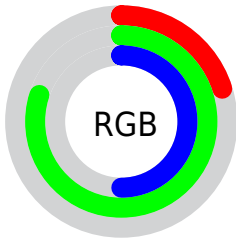
Format	Color
RYB	51, 153, 204
Decimal	3394687
CIELab	73.17, -56.52, 27.42
CIELCh	73, 62.823, 154.122
Yxy	45.4218, 0.2688, 0.4558
Android (android.graphics.Color)	4281584767 (0xFF33CC7F)
YUV	149.4750, -11.0802, -86.3626
Hunter-Lab	67.3957, -46.9912, 23.0425

Details

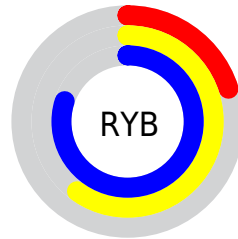
The Hex color **33CC7F** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **CC3380**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **77FFB4**, and **00944D** is the 20% darker color. If you saturate the color by 10%, you get **1FCC75**, and if you desaturate by 10%, it is **47CC89**.

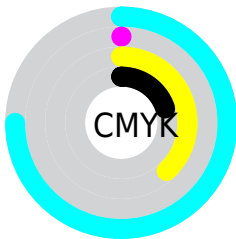
Distribution



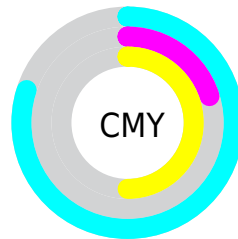
- Red (20%)
- Green (80%)
- Blue (50%)



- Red (20%)
- Yellow (60%)
- Blue (80%)



- Cyan (75%)
- Magenta (0%)
- Yellow (38%)
- Black (20%)



- Cyan (80%)
- Magenta (20%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33CC7F 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 33CC7F by changing the saturation by 10% instead.

 33CC7F

 33CC7F

FFFFFF

 00B066

 77FFB4

 00944D

 96FFD0

 007A35

 B4FFEC

 00601E

 D2FFFF

 004707

 F1FFFF

 003000

 001300

 000000

 33CC7F

 33CC7F

■ 1FCC75

■ 47CC89

■ 0ACC6A

■ 5CCC94

■ 00CC65

■ 70CC9E

■ 85CCA8

■ 99CCB2

■ ADCCBD

■ C2CCC7

■ D6CCD1

■ EBCCDB

Harmonies

Analogous

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



90C34E



33CC7F



00D0BA

Triad

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



33CC7F



47B7FF



FF8976

Complementary

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



33CC7F



CC3380

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.



FF7FAE



33CC7F



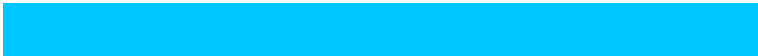
C1A1FF

Square

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



33CC7F



00C7FF



FF8AE7



FA9E4A

Rectangle

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



33CC7F



00CFE1



FF8AE7



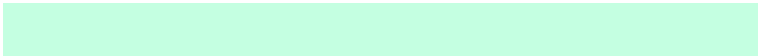
FF8488

Sweetspot

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



33CC7F



C4FFE1



82CC33



5C806E



000000



808080

Same Dimension

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



33CC7F



19FF8C



33CCC9



5C6661



00A652



002613

Inverse Universe

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



CC3380



FF198D



CC3336



665C61



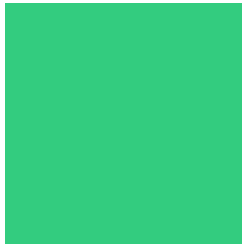
A60053



260013

Previews

White Background



This preview shows how the Hex color 33CC7F 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 33CC7F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

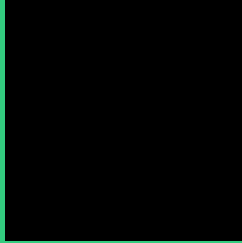
Any Text WCAG AA ✓ Pass

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 33CC7F Background



This preview shows how black text looks on a background with the Hex color 33CC7F.

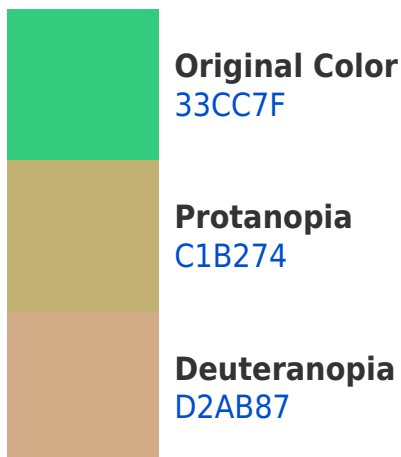


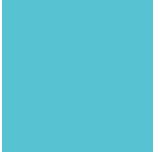
This preview shows how white text looks on a background with the Hex color 33CC7F.

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](#).

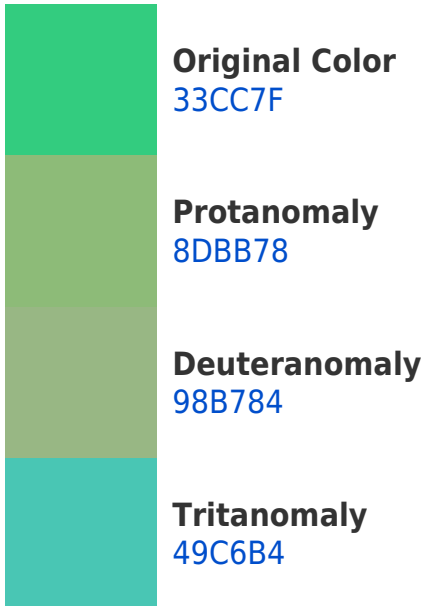
Dichromacy



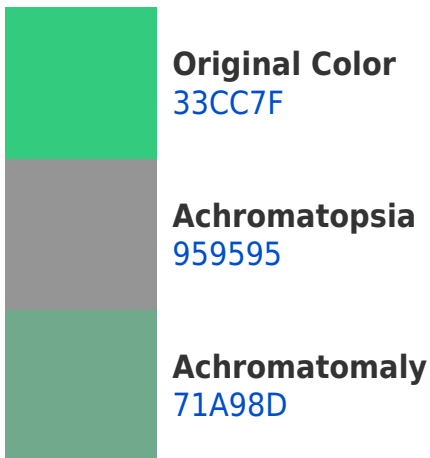


Tritanopia
56C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 33CC7F 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 #33CC7F looks like.

```
.text, #text, p{  
    color:#33CC7F  
}
```

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 #33CC7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33CC7F
}
```

Border

The CSS property to change the border of an element to Hex 33CC7F 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
#33CC7F }
```

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

```
.border{ border-color:#33CC7F }
```

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

Here you see how a box with a 4 pixel #33CC7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33CC7F; -webkit-box-shadow:4px 4px  
4px 4px #33CC7F; box-shadow:4px 4px 4px  
4px #33CC7F }
```

Background

The CSS property to change the background color of an element to Hex 33CC7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33CC7F }
```

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

```
.background{ background-color:#33CC7F }
```

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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