

Converting Colors

Hex(33C384)

Have a look what the booklet for
Hex(33C384) contains.

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Color

Hex(33C384)

Conversions

Conversions Part 1

Format	Color
Hex	33C384
RGB	51, 195, 132
RGB Percent	20%, 76%, 52%
CMY	0.8000, 0.2353, 0.4824
CMYK	0.74, 0.00, 0.32, 0.24
HSL	154°, 59%, 48%
HSV	154°, 74%, 76%
XYZ	25.0452, 41.4000, 28.5008
YIQ	144.7620, -65.6010, -50.1210

Conversions

Conversions Part 2

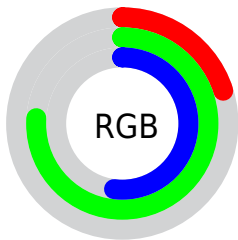
Format	Color
RYB	51, 143, 195
Decimal	3392388
CIELab	70.46, -52.10, 21.12
CIElCh	70, 56.219, 157.930
Yxy	41.4000, 0.2638, 0.4360
Android (android.graphics.Color)	4281582468 (0xFF33C384)
YUV	144.7620, -6.2917, -82.2293
Hunter-Lab	64.3428, -43.1194, 18.7773

Details

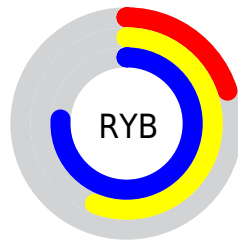
The Hex color **33C384** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C33372**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **75FDB9**, and **008C52** is the 20% darker color. If you saturate the color by 10%, you get **1FC37B**, and if you desaturate by 10%, it is **46C38D**.

Distribution



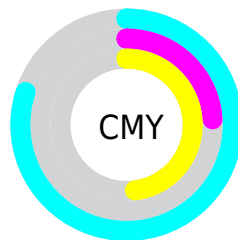
- Red (20%)
- Green (76%)
- Blue (52%)



- Red (20%)
- Yellow (56%)
- Blue (76%)



- Cyan (74%)
- Magenta (0%)
- Yellow (32%)
- Black (24%)



- Cyan (80%)
- Magenta (24%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33C384 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 33C384 by changing the saturation by 10% instead.



33C384



33C384

FFFFFF



00A76B



75FDB9



008C52



94FFD5



00723B



B2FFF2



005824



CFFFFFF



003F0F



EEFFFF



002900



000300



000000



33C384



33C384

■ 1FC37B

■ 46C38D

■ 0CC373

■ 5AC395

■ 00C36E

■ 6EC39E

■ 81C3A6

■ 94C3AF

■ A8C3B7

■ BBC3C0

■ CFC3C8

■ E2C3D1

Harmonies

Analogous

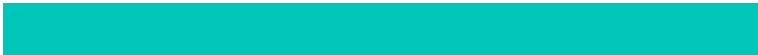
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86BB58



33C384



00C6B9

Triad

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



33C384



68ADFF



FF8970

Complementary

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



33C384



C33372

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.



FF7FA1



33C384



C299FD

Square

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



33C384



00BCFF



F686D4



E89C4C

Rectangle

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



33C384



00C5DB



F686D4



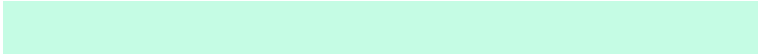
FF847F

Sweetspot

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



33C384



C5FCE4



74C333



5E8071



000000



808080

Same Dimension

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



33C384



1CFC9A



33BCC3



57615D



00A15A



002113

Inverse Universe

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



C33372



FC1C7E



C33A33



61575B



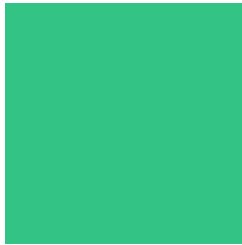
A10046



21000F

Previews

White Background



This preview shows how the Hex color 33C384 looks on a white background.

Color Contrast Check

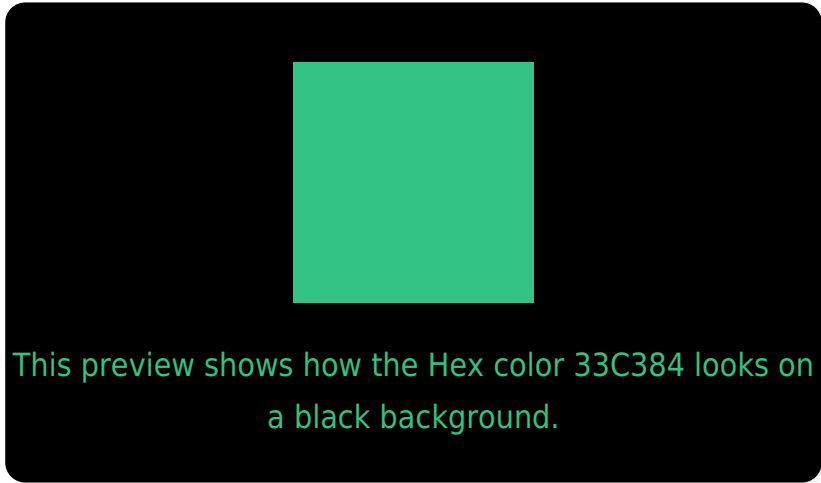
Large Text (above 18pt) WCAG AA × Fail

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

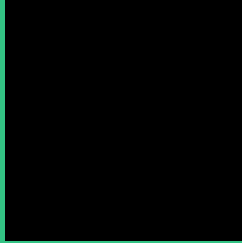
Any Text WCAG AA ✓ Pass

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 33C384 Background



This preview shows how black text looks on a background with the Hex color 33C384.

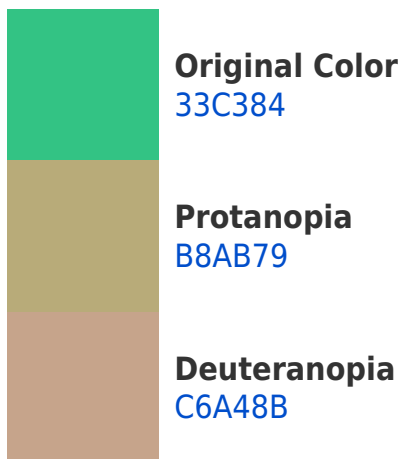


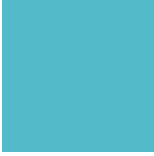
This preview shows how white text looks on a background with the Hex color 33C384.

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
52BAC9

Trichromacy



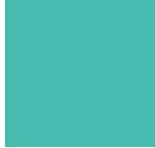
Original Color
33C384



Protanomaly
88B47D



Deuteranomaly
91AF88



Tritanomaly
47BDB0

Monochromacy



Original Color
33C384



Achromatopsia
919191



Achromatomaly
6FA38C

CSS Examples

Text

The CSS property to change the color of the text to Hex 33C384 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 #33C384 looks like.

```
.text, #text, p{  
    color:#33C384  
}
```

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 #33C384 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33C384  
}
```

Border

The CSS property to change the border of an element to Hex 33C384 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  
#33C384 }
```

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

```
.border{ border-color:#33C384 }
```

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

Here you see how a box with a 4 pixel #33C384 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33C384; -webkit-box-shadow:4px 4px  
4px 4px #33C384; box-shadow:4px 4px 4px  
4px #33C384 }
```

Background

The CSS property to change the background color of an element to Hex 33C384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33C384 }
```

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

```
.background{ background-color:#33C384 }
```

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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