

Converting Colors

Hex(33CB84)

Have a look what the booklet for
Hex(33CB84) contains.

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Color

Hex(33CB84)

Conversions

Conversions Part 1

Format	Color
Hex	33CB84
RGB	51, 203, 132
RGB Percent	20%, 80%, 52%
CMY	0.8000, 0.2039, 0.4824
CMYK	0.75, 0.00, 0.35, 0.20
HSL	152°, 60%, 50%
HSV	152°, 75%, 80%
XYZ	26.8860, 45.0816, 29.1144
YIQ	149.4580, -67.8010, -54.3050

Conversions

Conversions Part 2

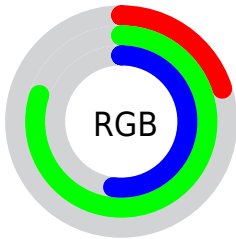
Format	Color
RYB	51, 150, 203
Decimal	3394436
CIELab	72.95, -55.17, 24.51
CIElCh	73, 60.364, 156.048
Yxy	45.0816, 0.2660, 0.4460
Android (android.graphics.Color)	4281584516 (0xFF33CB84)
YUV	149.4580, -8.6068, -86.3477
Hunter-Lab	67.1428, -46.0232, 21.2908

Details

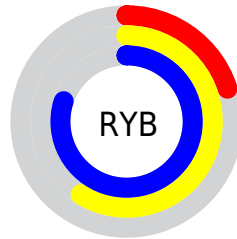
The Hex color **33CB84** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **CB337A**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **77FFB9**, and **009452** is the 20% darker color. If you saturate the color by 10%, you get **1FCB7B**, and if you desaturate by 10%, it is **47CB8D**.

Distribution



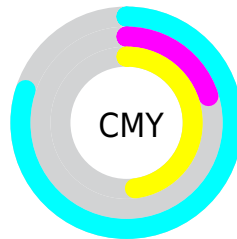
- Red (20%)
- Green (80%)
- Blue (52%)



- Red (20%)
- Yellow (59%)
- Blue (80%)



- Cyan (75%)
- Magenta (0%)
- Yellow (35%)
- Black (20%)



- Cyan (80%)
- Magenta (20%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33CB84 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 33CB84 by changing the saturation by 10% instead.

 33CB84

 33CB84

FFFFFF

 00AF6A

 77FFB9

 009452

 96FFD5

 00793A

 B4FFF2

 005F23

 D2FFFF

 00460D

 F0FFFF

 003000

 001200

 000000

 33CB84

 33CB84

■ 1FCB7B

■ 47CB8D

■ 0ACB71

■ 5CCB97

■ 00CB6C

■ 70CBA0

■ 84CBAA

■ 99CBB3

■ ADCBBD

■ C1CBC6

■ D5CBD0

■ EACBD9

Harmonies

Analogous

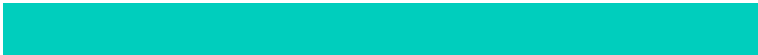
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8DC255



33CB84



00CEBD

Triad

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



33CB84



5CB5FF



FF8B75

Complementary

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



33CB84



CB337A

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.



FF81AA



33CB84



C5A0FF

Square

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



33CB84



00C5FF



FF8AE1



F5A04C

Rectangle

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



33CB84



00CEE2



FF8AE1



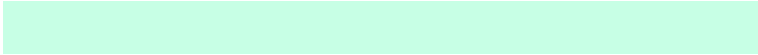
FF8686

Sweetspot

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



33CB84



C7FFE5



7CCB33



5E8070



000000



808080

Same Dimension

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



33CB84



19FF94



33C8CB



5C6661



00A658



002614

Inverse Universe

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



CB337A



FF1985



CB3633



665C61



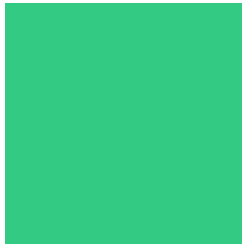
A6004D



260012

Previews

White Background



This preview shows how the Hex color 33CB84 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 33CB84 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

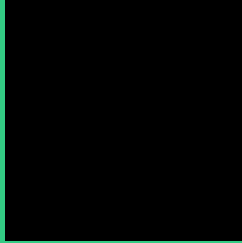
Any Text WCAG AA ✓ Pass

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 33CB84 Background



This preview shows how black text looks on a background with the Hex color 33CB84.

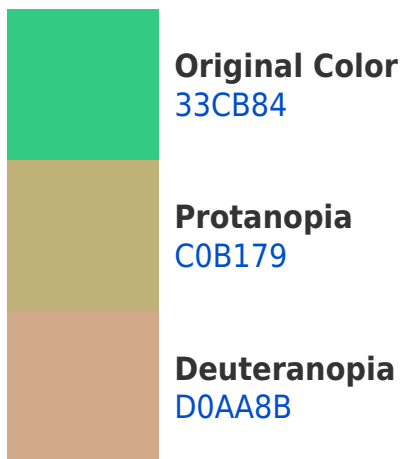


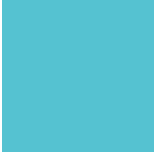
This preview shows how white text looks on a background with the Hex color 33CB84.

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
55C2D1

Trichromacy



Original Color
33CB84



Protanomaly
8DBA7D



Deuteranomaly
97B688



Tritanomaly
49C5B5

Monochromacy



Original Color
33CB84



Achromatopsia
959595



Achromatomaly
71A98F

CSS Examples

Text

The CSS property to change the color of the text to Hex 33CB84 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 #33CB84 looks like.

```
.text, #text, p{  
    color:#33CB84  
}
```

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 #33CB84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33CB84
}
```

Border

The CSS property to change the border of an element to Hex 33CB84 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
#33CB84 }
```

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

```
.border{ border-color:#33CB84 }
```

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

Here you see how a box with a 4 pixel #33CB84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33CB84; -webkit-box-shadow:4px 4px  
4px 4px #33CB84; box-shadow:4px 4px 4px  
4px #33CB84 }
```

Background

The CSS property to change the background color of an element to Hex 33CB84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33CB84 }
```

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

```
.background{ background-color:#33CB84 }
```

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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