

Converting Colors

Hex(33B8A4)

Have a look what the booklet for
Hex(33B8A4) contains.

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Color

Hex(33B8A4)

Conversions

Conversions Part 1

Format	Color
Hex	33B8A4
RGB	51, 184, 164
RGB Percent	20%, 72%, 64%
CMY	0.8000, 0.2784, 0.3569
CMYK	0.72, 0.00, 0.11, 0.28
HSL	171°, 57%, 46%
HSV	171°, 72%, 72%
XYZ	25.2066, 37.6651, 41.0635
YIQ	141.9530, -72.8480, -34.4160

Conversions

Conversions Part 2

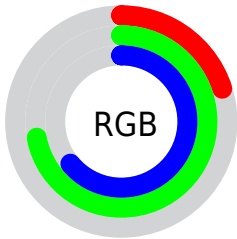
Format	Color
RYB	51, 123, 184
Decimal	3389604
CIELab	67.77, -39.85, -0.06
CIELCh	68, 39.852, 180.089
Yxy	37.6651, 0.2425, 0.3624
Android (android.graphics.Color)	4281579684 (0xFF33B8A4)
YUV	141.9530, 10.8692, -79.7658
Hunter-Lab	61.3719, -34.0876, 3.2898

Details

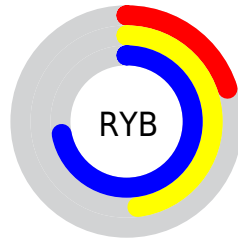
The Hex color **33B8A4** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B83347**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **75F1DB**, and **008270** is the 20% darker color. If you saturate the color by 10%, you get **21B8A1**, and if you desaturate by 10%, it is **45B8A7**.

Distribution



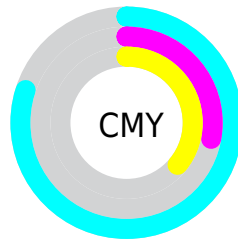
- Red (20%)
- Green (72%)
- Blue (64%)



- Red (20%)
- Yellow (48%)
- Blue (72%)



- Cyan (72%)
- Magenta (0%)
- Yellow (11%)
- Black (28%)



- Cyan (80%)
- Magenta (28%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33B8A4 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 33B8A4 by changing the saturation by 10% instead.

 33B8A4

 33B8A4

FFFFFF

 009D8A

 75F1DB

 008270

 93FFF7

 006858

 B0FFFF

 004F41

 CEFFFF

 00372B

 EDFFFF

 002316

 000000

 33B8A4

 33B8A4

 21B8A1

 45B8A7

0EB89E

58B8AA

00B89C

6AB8AC

7DB8AF

8FB8B2

A1B8B5

B4B8B7

C6B8BA

D9B8BD

Harmonies

Analogous

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



6BB580



33B8A4



00B7C8

Triad

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



33B8A4



A99CE3



D99668

Complementary

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



33B8A4



B83347

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.



E98C83



33B8A4



D28FCA

Square

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



33B8A4



6EA9ED



E889A6



BCA35C

Rectangle

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



33B8A4



00B4DB



E889A6



E0926F

Sweetspot

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



33B8A4



BBF0E8



49B833



597873



F7F7F7



787878

Same Dimension

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



33B8A4



1FF0D0



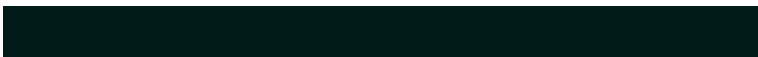
338CB8



535C5A



009C84



001C18

Inverse Universe

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



B83347



F01F3F



B85F33



5C5354



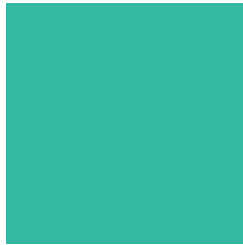
9C0017



1C0004

Previews

White Background



This preview shows how the Hex color 33B8A4 looks on a white background.

Color Contrast Check

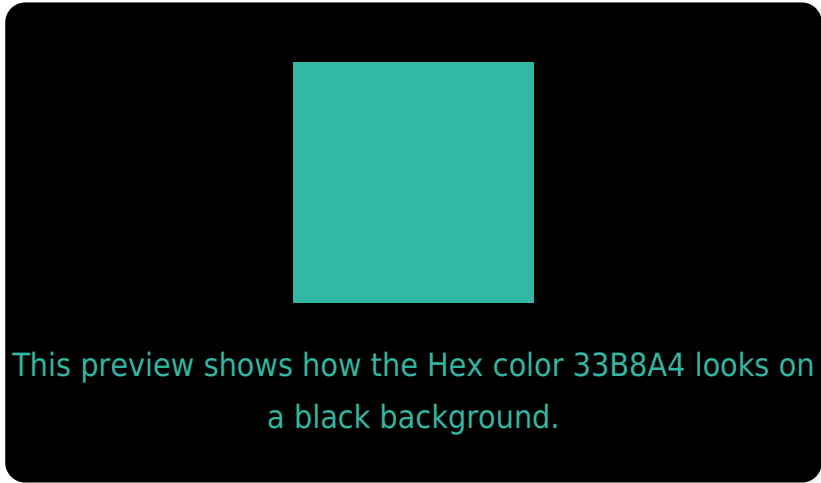
Large Text (above 18pt) WCAG AA × Fail

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

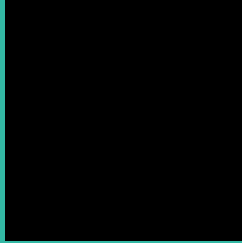
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

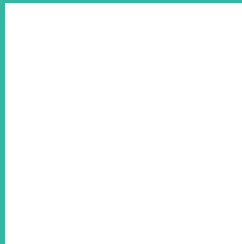
Any Text WCAG AAA ✓ Pass

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

Hex 33B8A4 Background



This preview shows how black text looks on a background with the Hex color 33B8A4.

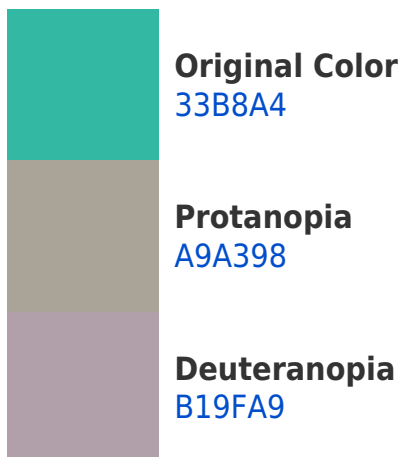


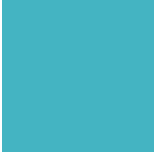
This preview shows how white text looks on a background with the Hex color 33B8A4.

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
44B4C2

Trichromacy



Original Color
33B8A4



Protanomaly
7EAB9C



Deuteranomaly
83A8A7



Tritanomaly
3EB5B7

Monochromacy



Original Color
33B8A4



Achromatopsia
8E8E8E



Achromatomaly
6D9D96

CSS Examples

Text

The CSS property to change the color of the text to Hex 33B8A4 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 #33B8A4 looks like.

```
.text, #text, p{  
    color:#33B8A4  
}
```

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 #33B8A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33B8A4
}
```

Border

The CSS property to change the border of an element to Hex 33B8A4 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
#33B8A4 }
```

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

```
.border{ border-color:#33B8A4 }
```

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

Here you see how a box with a 4 pixel #33B8A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33B8A4; -webkit-box-shadow:4px 4px  
4px 4px #33B8A4; box-shadow:4px 4px 4px  
4px #33B8A4 }
```

Background

The CSS property to change the background color of an element to Hex 33B8A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33B8A4 }
```

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

```
.background{ background-color:#33B8A4 }
```

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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