

Converting Colors

Hex(33B79E)

Have a look what the booklet for
Hex(33B79E) contains.

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Color

Hex(33B79E)

Conversions

Conversions Part 1

Format	Color
Hex	33B79E
RGB	51, 183, 158
RGB Percent	20%, 72%, 62%
CMY	0.8000, 0.2824, 0.3804
CMYK	0.72, 0.00, 0.14, 0.28
HSL	169°, 56%, 46%
HSV	169°, 72%, 72%
XYZ	24.4703, 37.0394, 38.2074
YIQ	140.6820, -70.6470, -35.7590

Conversions

Conversions Part 2

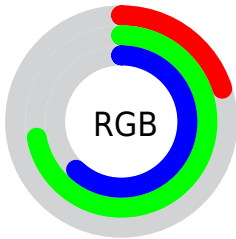
Format	Color
RYB	51, 124, 183
Decimal	3389342
CIELab	67.31, -41.00, 2.56
CIElCh	67, 41.080, 176.420
Yxy	37.0394, 0.2454, 0.3714
Android (android.graphics.Color)	4281579422 (0xFF33B79E)
YUV	140.6820, 8.5378, -78.6511
Hunter-Lab	60.8600, -34.7346, 5.3803

Details

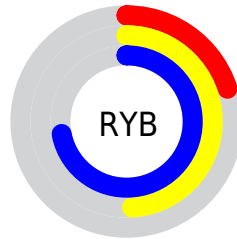
The Hex color **33B79E** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B7334C**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **74F0D5**, and **00816B** is the 20% darker color. If you saturate the color by 10%, you get **21B79B**, and if you desaturate by 10%, it is **45B7A1**.

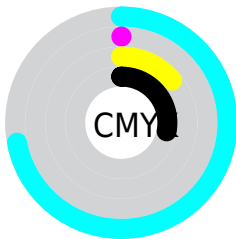
Distribution



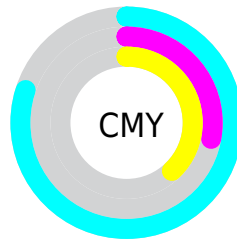
- Red (20%)
- Green (72%)
- Blue (62%)



- Red (20%)
- Yellow (49%)
- Blue (72%)



- Cyan (72%)
- Magenta (0%)
- Yellow (14%)
- Black (28%)



- Cyan (80%)
- Magenta (28%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33B79E 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 33B79E by changing the saturation by 10% instead.



33B79E



33B79E

FFFFFF



009C84



74F0D5



00816B



92FFF1



006753



B0FFFF



004E3C



CEFFFF



003626



ECFFFF



002111



000000



33B79E



33B79E



21B79B



45B7A1

 0EB797

 58B7A5

 00B794

 6AB7A8

 7CB7AC

 8FB7AF

 A1B7B3

 B3B7B6

 C5B7BA

 D8B7BD

Harmonies

Analogous

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



6EB37A



33B79E



00B7C4

Triad

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



33B79E



A19CE6



DC9367

Complementary

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



33B79E



B7334C

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.



EA8985



33B79E



CE8ECD

Square

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



33B79E



61A9ED



E787AA



BFA059

Rectangle

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



33B79E



00B4D8



E787AA



E28F70

Sweetspot

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



33B79E



B9EDE3



4DB733



597872



F7F7F7



787878

Same Dimension

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



33B79E



1FEDC6



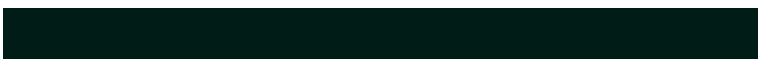
338FB7



535C5A



009C7E



001C17

Inverse Universe

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



B7334C



ED1F46



B75B33



5C5354



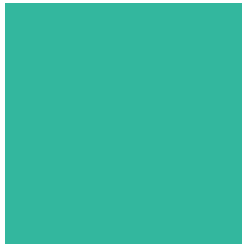
9C001D



1C0005

Previews

White Background



This preview shows how the Hex color 33B79E looks on a white background.

Color Contrast Check

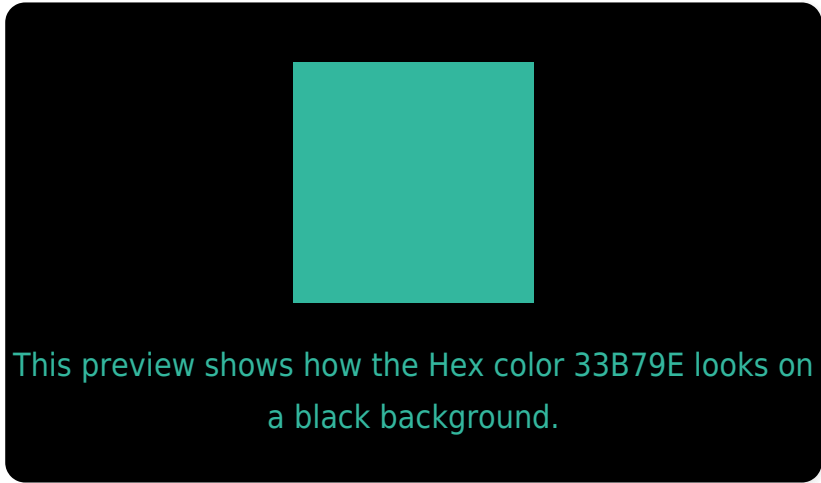
Large Text (above 18pt) WCAG AA × Fail

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

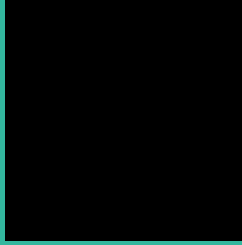
Any Text WCAG AA ✓ Pass

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 33B79E Background



This preview shows how black text looks on a background with the Hex color 33B79E.

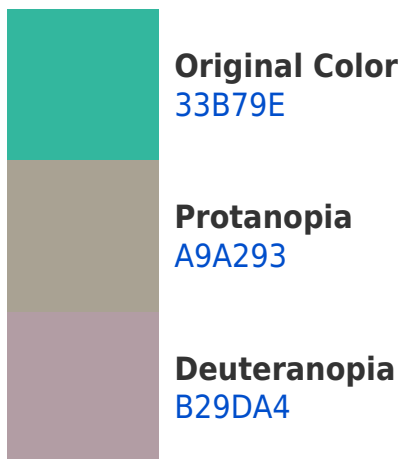


This preview shows how white text looks on a background with the Hex color 33B79E.

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
45B2C1

Trichromacy



Original Color
33B79E



Protanomaly
7EAA97



Deuteranomaly
84A6A2



Tritanomaly
3EB4B4

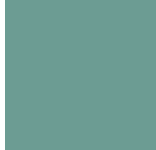
Monochromacy



Original Color
33B79E



Achromatopsia
8D8D8D



Achromatomaly
6C9C93

CSS Examples

Text

The CSS property to change the color of the text to Hex 33B79E 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 #33B79E looks like.

```
.text, #text, p{  
    color:#33B79E  
}
```

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 #33B79E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33B79E
}
```

Border

The CSS property to change the border of an element to Hex 33B79E 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
#33B79E }
```

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

```
.border{ border-color:#33B79E }
```

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

Here you see how a box with a 4 pixel #33B79E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33B79E; -webkit-box-shadow:4px 4px  
4px 4px #33B79E; box-shadow:4px 4px 4px  
4px #33B79E }
```

Background

The CSS property to change the background color of an element to Hex 33B79E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33B79E }
```

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

```
.background{ background-color:#33B79E }
```

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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