

Converting Colors

Hex(32B991)

Have a look what the booklet for
Hex(32B991) contains.

Hex(32B991)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(32B991)

Conversions

Conversions Part 1

Format	Color
Hex	32B991
RGB	50, 185, 145
RGB Percent	20%, 73%, 57%
CMY	0.8039, 0.2745, 0.4314
CMYK	0.73, 0.00, 0.22, 0.27
HSL	162°, 57%, 46%
HSV	162°, 73%, 73%
XYZ	23.7752, 37.4204, 32.7578
YIQ	140.0750, -67.6200, -41.0600

Conversions

Conversions Part 2

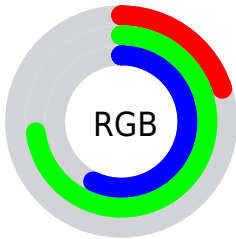
Format	Color
RYB	50, 129, 185
Decimal	3324305
CIELab	67.59, -45.27, 10.11
CIElCh	68, 46.382, 167.411
Yxy	37.4204, 0.2531, 0.3983
Android (android.graphics.Color)	4281514385 (0xFF32B991)
YUV	140.0750, 2.4280, -78.9958
Hunter-Lab	61.1722, -37.6755, 11.0706

Details

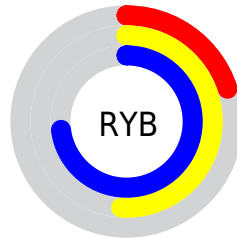
The Hex color **32B991** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B9325A**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **73F2C7**, and **00835F** is the 20% darker color. If you saturate the color by 10%, you get **20B98C**, and if you desaturate by 10%, it is **45B996**.

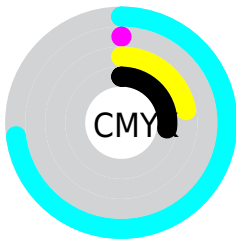
Distribution



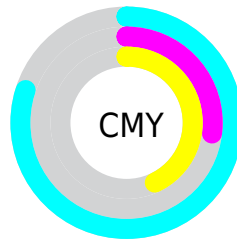
- Red (20%)
- Green (73%)
- Blue (57%)



- Red (20%)
- Yellow (51%)
- Blue (73%)



- Cyan (73%)
- Magenta (0%)
- Yellow (22%)
- Black (27%)



- Cyan (80%)
- Magenta (27%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32B991 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 32B991 by changing the saturation by 10% instead.

 32B991

 32B991

FFFFFF

 009E77

 73F2C7

 00835F

 91FFE3

 006947

 AFFFFFF

 005030

 CDFFFF

 00381B

 EBFFFF

 002202

 000000

 32B991

 32B991

 20B98C

 45B996

0DB986

57B99C

00B982

6AB9A1

7CB9A7

8FB9AC

A1B9B2

B4B9B7

C6B9BD

D9B9C2

Harmonies

Analogous

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



76B46A



32B991



00BABC

Triad

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



32B991



8CA0F4



E98D69

Complementary

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



32B991



B9325A

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.



F4838E



32B991



C790DE

Square

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



32B991



29AEF6



EA84B8



CD9C52

Rectangle

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



32B991



00B8D6



EA84B8



EF8974

Sweetspot

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



32B991



BBF0E0



5AB932



59786F



F7F7F7



787878

Same Dimension

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



32B991



1DF0B1



329EB9



535C59



009C6D



001C14

Inverse Universe

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



B9325A



F01D5B



B94D32



5C5355



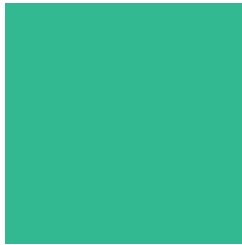
9C002E



1C0008

Previews

White Background



This preview shows how the Hex color 32B991 looks on a white background.

Color Contrast Check

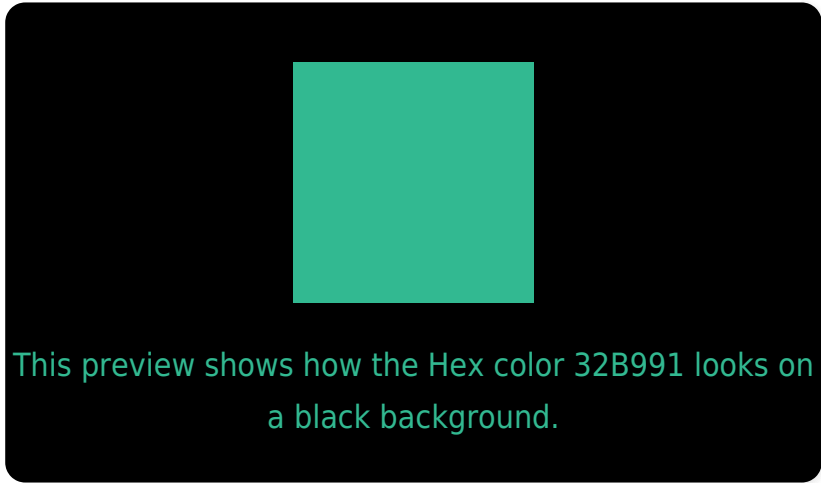
Large Text (above 18pt) WCAG AA × Fail

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

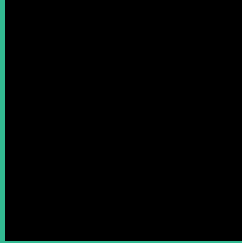
Any Text WCAG AA ✓ Pass

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 32B991 Background



This preview shows how black text looks on a background with the Hex color 32B991.

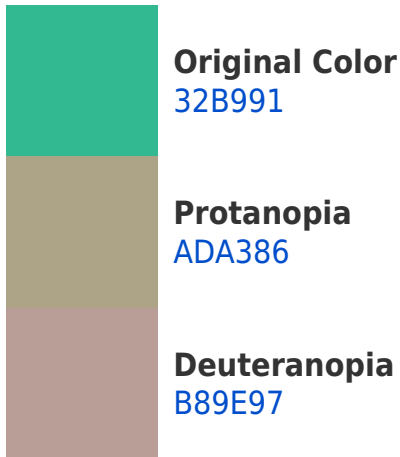


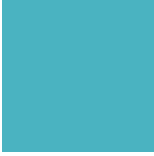
This preview shows how white text looks on a background with the Hex color 32B991.

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
4AB3C1

Trichromacy



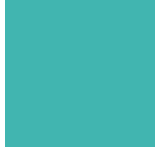
Original Color
32B991



Protanomaly
80AB8A



Deuteranomaly
87A895



Tritanomaly
41B5B0

Monochromacy



Original Color
32B991



Achromatopsia
8C8C8C



Achromatomaly
6B9C8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 32B991 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 #32B991 looks like.

```
.text, #text, p{  
    color:#32B991  
}
```

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 #32B991 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32B991
}
```

Border

The CSS property to change the border of an element to Hex 32B991 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
#32B991 }
```

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

```
.border{ border-color:#32B991 }
```

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

Here you see how a box with a 4 pixel #32B991 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32B991; -webkit-box-shadow:4px 4px  
4px 4px #32B991; box-shadow:4px 4px 4px  
4px #32B991 }
```

Background

The CSS property to change the background color of an element to Hex 32B991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32B991 }
```

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

```
.background{ background-color:#32B991 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor