

# Converting Colors

Hex(32A997)

Have a look what the booklet for  
Hex(32A997) contains.

<b>Hex(32A997)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(32A997)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32A997
RGB	50, 169, 151
RGB Percent	20%, 66%, 59%
CMY	0.8039, 0.3373, 0.4078
CMYK	0.70, 0.00, 0.11, 0.34
HSL	171°, 54%, 43%
HSV	171°, 70%, 66%
XYZ	21.0893, 31.2884, 34.2059
YIQ	131.3670, -65.1460, -30.8260

# Conversions

## Conversions Part 2

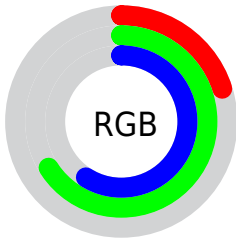
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 114, 169
Decimal	3320215
CIELab	62.75, -36.74, -0.18
CIELCh	63, 36.743, 180.286
Yxy	31.2884, 0.2436, 0.3614
Android (android.graphics.Color)	4281510295 (0xFF32A997)
YUV	131.3670, 9.6791, -71.3589
Hunter-Lab	55.9360, -30.5892, 2.8983

# Details

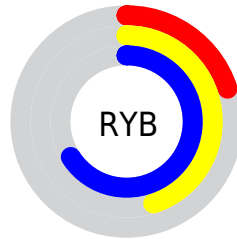
The Hex color **32A997** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A93244**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **71E1CD**, and **007464** is the 20% darker color. If you saturate the color by 10%, you get **21A994**, and if you desaturate by 10%, it is **43A99A**.

# Distribution



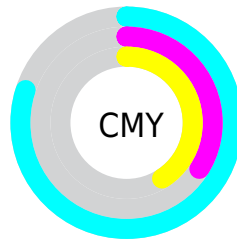
- Red (20%)
- Green (66%)
- Blue (59%)



- Red (20%)
- Yellow (45%)
- Blue (66%)



- Cyan (70%)
- Magenta (0%)
- Yellow (11%)
- Black (34%)



- Cyan (80%)
- Magenta (34%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32A997 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 32A997 by changing the saturation by 10% instead.



 32A997

 32A997

FFFFFF

 008E7D

 71E1CD

 007464

 8EFEE9

 005B4C

 ABFFFF

 004336

 C9FFFF

 002C21

 E7FFFF

 00120A

 000000

 32A997

 32A997

 21A994

 43A99A

■ 10A992

■ 54A99C

■ 00A98F

■ 65A99F

■ 76A9A1

■ 86A9A4

■ 97A9A6

■ A8A9A9

■ B9A9AB

■ CAA9AE

# Harmonies

## Analogous

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



63A676



32A997



00A8B8

# Triad

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



32A997



9C8FD0



C78B60

# Complementary

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



32A997



A93244

# 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.



D68179



32A997



C184B9

# Square

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



32A997



679BD9



D47E99



AD9656

# Rectangle

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



32A997



00A6C9



D47E99



CD8767



# Sweetspot

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



32A997



ADD4D4



46A932



526E6A



EDEDED



6E6E6E



# Same Dimension

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



32A997



23DBBF



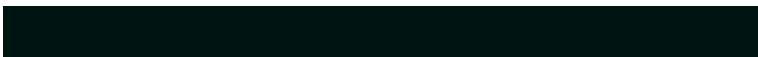
3281A9



4C5453



00947E



001411



# Inverse Universe

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



A93244



DB233F



A95A32



544C4D



940016

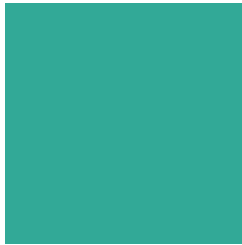


140003



# Previews

## White Background



This preview shows how the Hex color 32A997 looks on a white background.

## Color Contrast Check

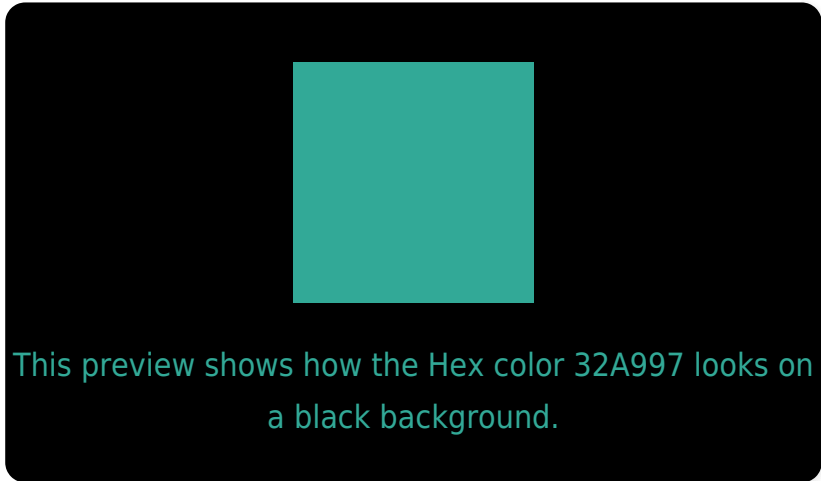
Large Text (above 18pt) WCAG AA × Fail

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

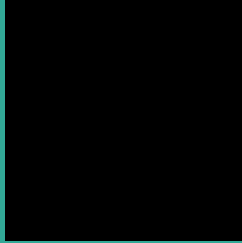
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 32A997 Background



This preview shows how black text looks on a background with the Hex color 32A997.

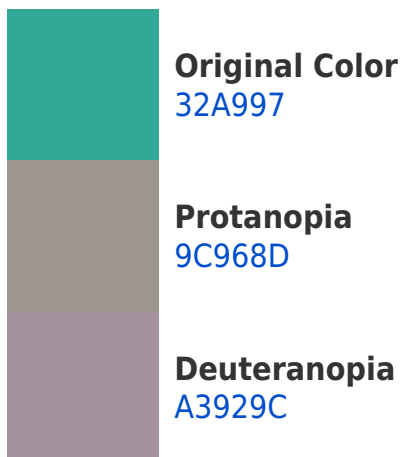


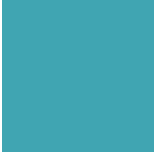
This preview shows how white text looks on a background with the Hex color 32A997.

# 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**  
40A5B2

# Trichromacy



**Original Color**  
32A997



**Protanomaly**  
759D91



**Deuteranomaly**  
7A9A9A



**Tritanomaly**  
3BA6A8

# Monochromacy



**Original Color**  
32A997



**Achromatopsia**  
838383



**Achromatomaly**  
66918A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32A997 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 #32A997 looks like.

```
.text, #text, p{  
    color:#32A997  
}
```

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 #32A997 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32A997
}
```

## Border

The CSS property to change the border of an element to Hex 32A997 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
#32A997 }
```

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

```
.border{ border-color:#32A997 }
```

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

Here you see how a box with a 4 pixel #32A997 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32A997; -webkit-box-shadow:4px 4px  
4px 4px #32A997; box-shadow:4px 4px 4px  
4px #32A997 }
```

# Background

The CSS property to change the background color of an element to Hex 32A997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32A997 }
```

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

```
.background{ background-color:#32A997 }
```

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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