

# Converting Colors

Hex(32B79E)

Have a look what the booklet for  
Hex(32B79E) contains.

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**Color**

**Hex(32B79E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32B79E
RGB	50, 183, 158
RGB Percent	20%, 72%, 62%
CMY	0.8039, 0.2824, 0.3804
CMYK	0.73, 0.00, 0.14, 0.28
HSL	169°, 57%, 46%
HSV	169°, 73%, 72%
XYZ	24.4204, 37.0137, 38.2050
YIQ	140.3830, -71.2430, -35.9710

# Conversions

## Conversions Part 2

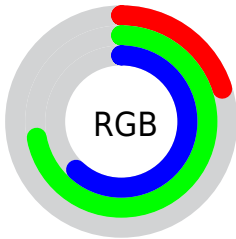
Format	Color
<a href="#">RYB</a>	<a href="#">50, 123, 183</a>
Decimal	<a href="#">3323806</a>
CIELab	<a href="#">67.29, -41.13, 2.53</a>
CIELCh	<a href="#">67, 41.211, 176.474</a>
Yxy	<a href="#">37.0137, 0.2451, 0.3715</a>
Android (android.graphics.Color)	<a href="#">4281513886</a> ( <a href="#">0xFF32B79E</a> )
YUV	<a href="#">140.3830, 8.6852, -79.2659</a>
Hunter-Lab	<a href="#">60.8389, -34.8190, 5.3549</a>

# Details

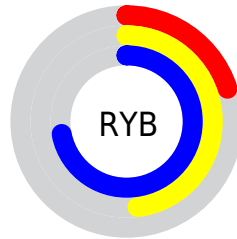
The Hex color **32B79E** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B7324B**, and the grayscale version is **8C8C8C**.

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 **20B79B**, and if you desaturate by 10%, it is **44B7A1**.

# Distribution



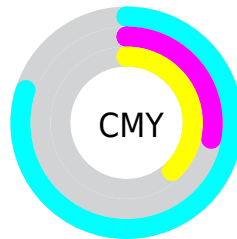
- Red (20%)
- Green (72%)
- Blue (62%)



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



- Cyan (73%)
- Magenta (0%)
- Yellow (14%)
- Black (28%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 32B79E 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 32B79E by changing the saturation by 10% instead.



 32B79E

 32B79E

FFFFFF

 009C84

 74F0D5

 00816B

 91FFF1

 006753

 AFFFFFF

 004E3C

 CDFFFF

 003626

 EBFFFF

 002111

 000000

 32B79E

 32B79E

 20B79B

 44B7A1

0DB797

57B7A5

00B795

69B7A8

7BB7AC

8EB7AF

A0B7B3

B2B7B6

C4B7BA

D7B7BD

# Harmonies

## Analogous

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



6DB379



32B79E



00B7C4

# Triad

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



32B79E



A19CE6



DC9367

# Complementary

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



32B79E



B7324B

# 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



32B79E



CE8ECD

# Square

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



32B79E



61A9ED



E786AA



BFA059

# Rectangle

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



32B79E



00B4D9



E786AA



E28F70



# Sweetspot

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



32B79E



B9EDE3



4DB732



597872



F7F7F7



787878



# Same Dimension

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



32B79E



1FEDC6



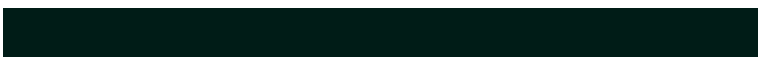
328FB7



535C5A



009C7E



001C17



# Inverse Universe

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



B7324B



ED1F46



B75A32



5C5354



9C001D

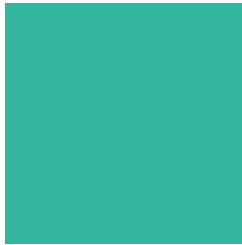


1C0005



# Previews

## White Background



This preview shows how the Hex color 32B79E 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 32B79E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

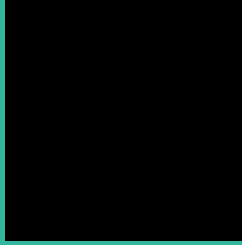
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

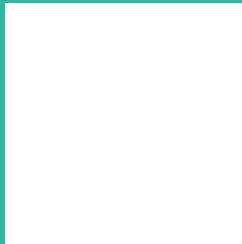
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 32B79E Background



This preview shows how black text looks on a background with the Hex color 32B79E.

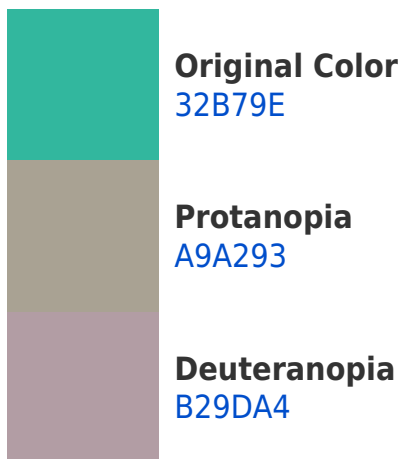


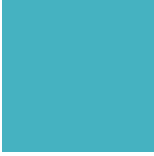
This preview shows how white text looks on a background with the Hex color 32B79E.

# 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



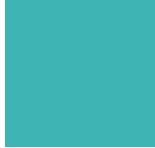
**Original Color**  
32B79E



**Protanomaly**  
7EAA97



**Deuteranomaly**  
83A6A2



**Tritanomaly**  
3EB4B4

# Monochromacy



**Original Color**  
32B79E



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
6B9C93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32B79E 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 #32B79E looks like.

```
.text, #text, p{  
    color:#32B79E  
}
```

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 #32B79E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32B79E
}
```

## Border

The CSS property to change the border of an element to Hex 32B79E 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
#32B79E }
```

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

```
.border{ border-color:#32B79E }
```

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

Here you see how a box with a 4 pixel #32B79E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32B79E; -webkit-box-shadow:4px 4px  
4px 4px #32B79E; box-shadow:4px 4px 4px  
4px #32B79E }
```

# Background

The CSS property to change the background color of an element to Hex 32B79E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32B79E }
```

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

```
.background{ background-color:#32B79E }
```

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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