

Converting Colors

Hex(32B29C)

Have a look what the booklet for
Hex(32B29C) contains.

Hex(32B29C)	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(32B29C)

Conversions

Conversions Part 1

Format	Color
Hex	32B29C
RGB	50, 178, 156
RGB Percent	20%, 70%, 61%
CMY	0.8039, 0.3020, 0.3882
CMYK	0.72, 0.00, 0.12, 0.30
HSL	170°, 56%, 45%
HSV	170°, 72%, 70%
XYZ	23.2365, 34.9192, 36.9679
YIQ	137.2200, -69.2260, -33.9780

Conversions

Conversions Part 2

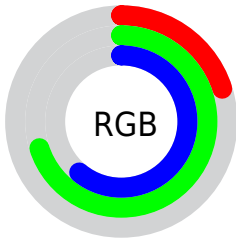
Format	Color
RYB	50, 120, 178
Decimal	3322524
CIELab	65.69, -39.45, 1.31
CIELCh	66, 39.473, 178.094
Yxy	34.9192, 0.2443, 0.3671
Android (android.graphics.Color)	4281512604 (0xFF32B29C)
YUV	137.2200, 9.2585, -76.4919
Hunter-Lab	59.0925, -33.2215, 4.2733

Details

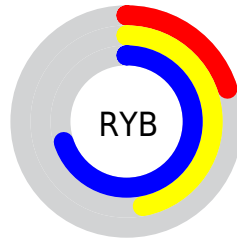
The Hex color **32B29C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B23248**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **73EAD2**, and **007C69** is the 20% darker color. If you saturate the color by 10%, you get **20B299**, and if you desaturate by 10%, it is **44B29F**.

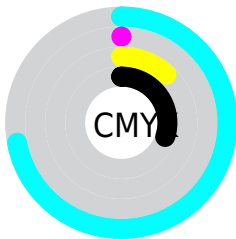
Distribution



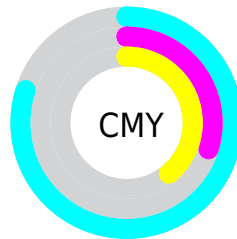
- Red (20%)
- Green (70%)
- Blue (61%)



- Red (20%)
- Yellow (47%)
- Blue (70%)



- Cyan (72%)
- Magenta (0%)
- Yellow (12%)
- Black (30%)



- Cyan (80%)
- Magenta (30%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32B29C 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 32B29C by changing the saturation by 10% instead.

 32B29C

 32B29C


FFFFFF

 009782

 73EAD2

 007C69

 90FEEF

 006351

 AEFFFF

 004A3A

 CCFFFF

 003224

 EAFFFF

 001D10

 000000

 32B29C

 32B29C

 20B299

 44B29F

0EB296

56B2A2

00B293

67B2A5

79B2A8

8BB2AB

9DB2AE

AFB2B1

C0B2B4

D2B2B8

Harmonies

Analogous

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



6AAF79



32B29C



00B2C0

Triad

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



32B29C



A097DE



D49064

Complementary

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



32B29C



B23248

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.



E38680



32B29C



CA8BC5

Square

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



32B29C



65A4E6



E084A3



B89D58

Rectangle

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



32B29C



00AFD3



E084A3



DB8C6C

Sweetspot

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



32B29C



B5E8DF



49B232



577570



F5F5F5



757575

Same Dimension

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



32B29C



20E8C6



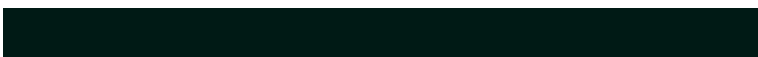
3289B2



505958



00997F



001A15

Inverse Universe

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



B23248



E82043



B25B32



595052



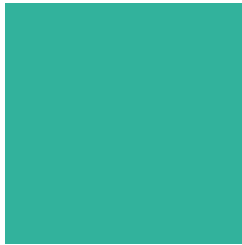
99001A



1A0004

Previews

White Background



This preview shows how the Hex color 32B29C looks on a white background.

Color Contrast Check

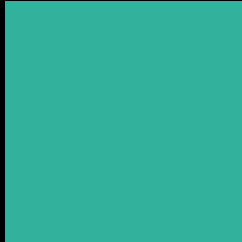
Large Text (above 18pt) WCAG AA × Fail

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 32B29C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

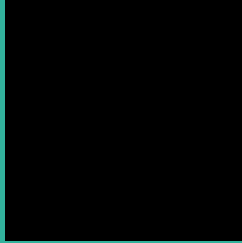
Any Text WCAG AA ✓ Pass

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 32B29C Background



This preview shows how black text looks on a background with the Hex color 32B29C.

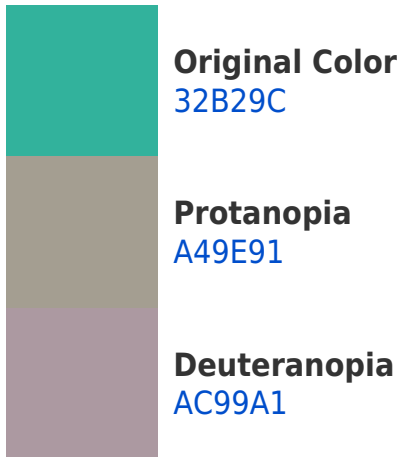


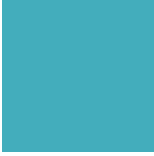
This preview shows how white text looks on a background with the Hex color 32B29C.

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](#).

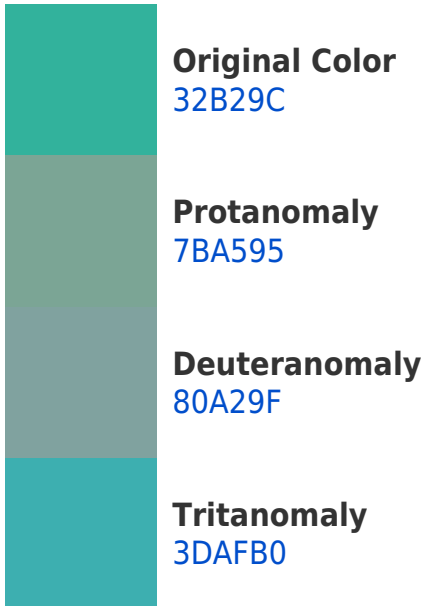
Dichromacy



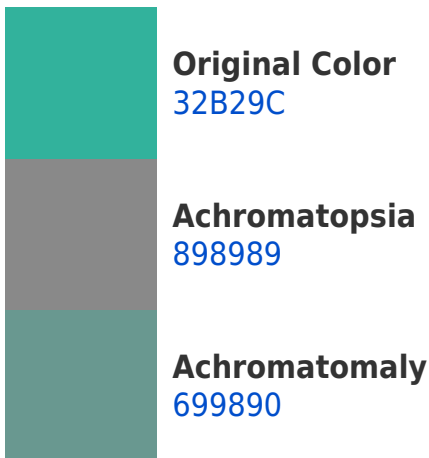


Tritanopia
43ADBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 32B29C 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 #32B29C looks like.

```
.text, #text, p{  
    color:#32B29C  
}
```

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 #32B29C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32B29C
}
```

Border

The CSS property to change the border of an element to Hex 32B29C 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
#32B29C }
```

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

```
.border{ border-color:#32B29C }
```

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

Here you see how a box with a 4 pixel #32B29C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32B29C; -webkit-box-shadow:4px 4px  
4px 4px #32B29C; box-shadow:4px 4px 4px  
4px #32B29C }
```

Background

The CSS property to change the background color of an element to Hex 32B29C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32B29C }
```

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

```
.background{ background-color:#32B29C }
```

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