

Converting Colors

Hex(29B99E)

Have a look what the booklet for
Hex(29B99E) contains.

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Color

Hex(29B99E)

Conversions

Conversions Part 1

Format	Color
Hex	29B99E
RGB	41, 185, 158
RGB Percent	16%, 73%, 62%
CMY	0.8392, 0.2745, 0.3804
CMYK	0.78, 0.00, 0.15, 0.27
HSL	169°, 64%, 44%
HSV	169°, 78%, 73%
XYZ	24.4350, 37.6380, 38.3247
YIQ	138.8660, -77.1570, -38.9250

Conversions

Conversions Part 2

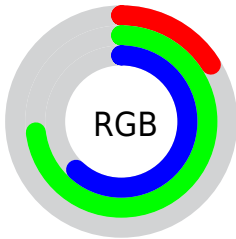
Format	Color
RYB	41, 120, 185
Decimal	2734494
CIELab	67.75, -43.08, 3.19
CIElCh	68, 43.195, 175.764
Yxy	37.6380, 0.2434, 0.3749
Android (android.graphics.Color)	4280924574 (0xFF29B99E)
YUV	138.8660, 9.4331, -85.8285
Hunter-Lab	61.3498, -36.2675, 5.9068




Details

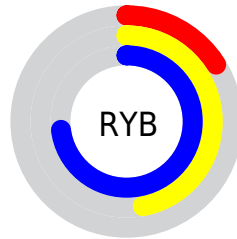
The Hex color **29B99E** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B92944**, and the grayscale version is **8B8B8B**.




A 20% lighter version of the original color is **6FF2D5**, and **00836B** is the 20% darker color. If you saturate the color by 10%, you get **16B99B**, and if you desaturate by 10%, it is **3CB9A1**.

Distribution







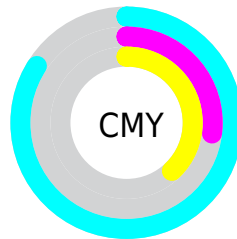
-  Red (16%)
-  Green (73%)
-  Blue (62%)






-  Red (16%)
-  Yellow (47%)
-  Blue (73%)



-  Cyan (78%)
-  Magenta (0%)
-  Yellow (15%)
-  Black (27%)



-  Cyan (84%)
-  Magenta (27%)
-  Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29B99E 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 29B99E by changing the saturation by 10% instead.

 29B99E

 29B99E

FFFFFF

 009E84

 6FF2D5

 00836B

 8DFFF1

 006953

 ABFFFF

 00503C

 C9FFFF

 003826

 E7FFFF

 002211

 000000

 29B99E

 29B99E

 16B99B

 3CB9A1

■ 04B997

■ 4EB9A5

■ 00B996

■ 61B9A8

■ 73B9AC

■ 85B9AF

■ 98B9B3

■ ABB9B6

■ BDB9BA

■ D0B9BD

Harmonies

Analogous

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



6DB578



29B99E



00B9C6

Triad

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



29B99E



A09DEB



E09366

Complementary

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



29B99E



B92944

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.



EF8885



29B99E



D08FD1

Square

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



29B99E



5AABF2



EB86AC



C2A156

Rectangle

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



29B99E



00B6DC



EB86AC



E78F6F

Sweetspot

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



29B99E



B9F0E5



46B929



567872



F7F7F7



787878

Same Dimension

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



29B99E



11F0C6



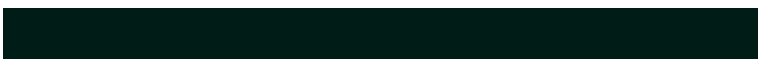
298EB9



535C5A



009C7E



001C17

Inverse Universe

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



B92944



F0113B



B95429



5C5354



9C001D



1C0005

Previews

White Background



This preview shows how the Hex color 29B99E looks on a white background.

Color Contrast Check

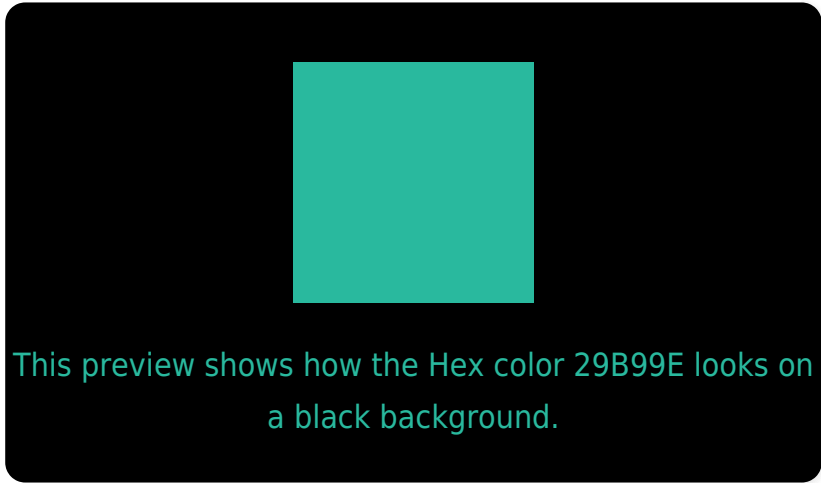
Large Text (above 18pt) WCAG AA × Fail

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

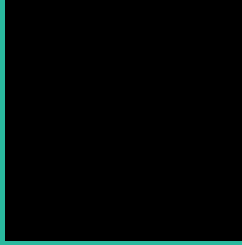
Any Text WCAG AA ✓ Pass

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 29B99E Background



This preview shows how black text looks on a background with the Hex color 29B99E.

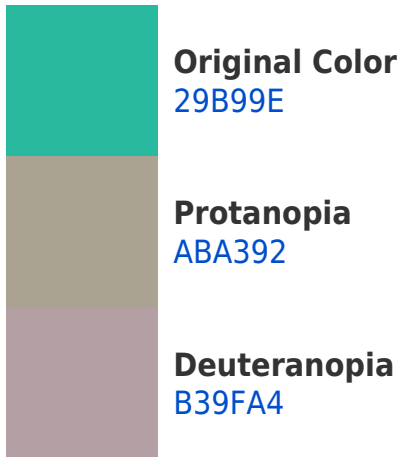


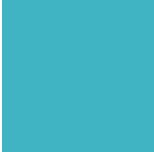
This preview shows how white text looks on a background with the Hex color 29B99E.

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
40B4C2

Trichromacy



Original Color
29B99E



Protanomaly
7CAB96



Deuteranomaly
81A8A2



Tritanomaly
38B6B5

Monochromacy



Original Color
29B99E



Achromatopsia
8B8B8B



Achromatomaly
679C92

CSS Examples

Text

The CSS property to change the color of the text to Hex 29B99E 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 #29B99E looks like.

```
.text, #text, p{  
    color:#29B99E  
}
```

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 #29B99E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29B99E
}
```

Border

The CSS property to change the border of an element to Hex 29B99E 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
#29B99E }
```

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

```
.border{ border-color:#29B99E }
```

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

Here you see how a box with a 4 pixel #29B99E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29B99E; -webkit-box-shadow:4px 4px  
4px 4px #29B99E; box-shadow:4px 4px 4px  
4px #29B99E }
```

Background

The CSS property to change the background color of an element to Hex 29B99E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29B99E }
```

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

```
.background{ background-color:#29B99E }
```

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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