

Converting Colors

Hex(29BDA7)

Have a look what the booklet for
Hex(29BDA7) contains.

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Color

Hex(29BDA7)

Conversions

Conversions Part 1

Format	Color
Hex	29BDA7
RGB	41, 189, 167
RGB Percent	16%, 74%, 65%
CMY	0.8392, 0.2588, 0.3451
CMYK	0.78, 0.00, 0.12, 0.26
HSL	171°, 64%, 45%
HSV	171°, 78%, 74%
XYZ	26.0871, 39.6566, 42.8388
YIQ	142.2400, -81.1460, -38.2180

Conversions

Conversions Part 2

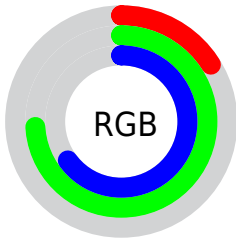
Format	Color
RYB	41, 121, 189
Decimal	2735527
CIELab	69.22, -42.41, 0.39
CIELCh	69, 42.411, 179.477
Yxy	39.6566, 0.2403, 0.3652
Android (android.graphics.Color)	4280925607 (0xFF29BDA7)
YUV	142.2400, 12.2067, -88.7875
Hunter-Lab	62.9735, -36.2591, 3.7484

Details

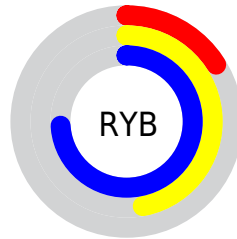
The Hex color **29BDA7** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **BD293F**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **70F6DE**, and **008773** is the 20% darker color. If you saturate the color by 10%, you get **16BDA4**, and if you desaturate by 10%, it is **3CBDAA**.

Distribution



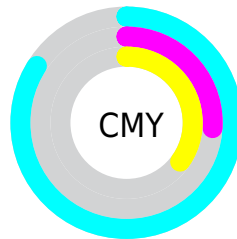
- Red (16%)
- Green (74%)
- Blue (65%)



- Red (16%)
- Yellow (47%)
- Blue (74%)



- Cyan (78%)
- Magenta (0%)
- Yellow (12%)
- Black (26%)



- Cyan (84%)
- Magenta (26%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29BDA7 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 29BDA7 by changing the saturation by 10% instead.

 29BDA7

 29BDA7

FFFFFF

 00A18D

 70F6DE

 008773

 8FFFFB

 006D5B

 ADFFFF

 005443

 CBFFFF

 003B2D

 EAFFFF

 002618

 000000

 29BDA7

 29BDA7

 16BDA4

 3CBDA4

03BDA1

4FBDA1

00BDA1

62BDAF

75BDB2

87BDB5

9ABDB8

ADBDBB

C0BDBD

D3BDC0

Harmonies

Analogous

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



6CBA81



29BDA7



00BCCE

Triad

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



29BDA7



AC9FEC



E09968

Complementary

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



29BDA7



BD293F

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.



F18E85



29BDA7



D892D1

Square

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



29BDA7



6BADF5



F08AAB



C2A75B

Rectangle

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



29BDA7



00B9E2



F08AAB



E89570

Sweetspot

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



29BDA7



BCF5EC



3FBD29



587A75



FAFAFA



7A7A7A

Same Dimension

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



29BDA7



0FF5D3



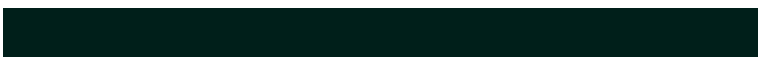
2989BD



555E5D



009E87



001F1A

Inverse Universe

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



BD293F



F50F31



BD5D29



5E5556



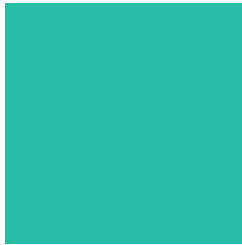
9E0018



1F0005

Previews

White Background



This preview shows how the Hex color 29BDA7 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 29BDA7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

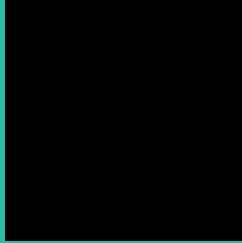
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

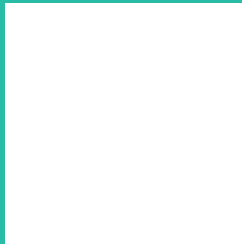
Any Text WCAG AAA ✓ Pass

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

Hex 29BDA7 Background



This preview shows how black text looks on a background with the Hex color 29BDA7.

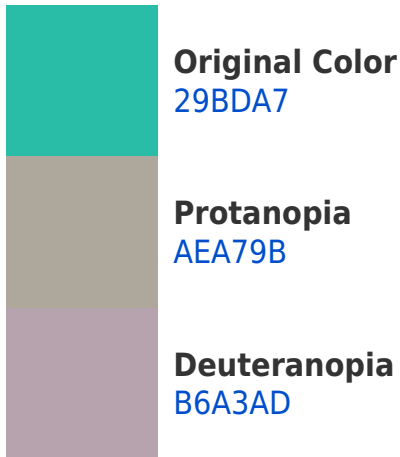


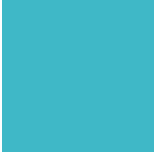
This preview shows how white text looks on a background with the Hex color 29BDA7.

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
3FB8C7

Trichromacy



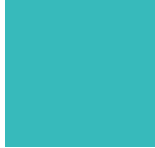
Original Color
29BDA7



Protanomaly
7EAF9F



Deuteranomaly
83ACAB



Tritanomaly
37BABB

Monochromacy



Original Color
29BDA7



Achromatopsia
8E8E8E



Achromatomaly
699F97

CSS Examples

Text

The CSS property to change the color of the text to Hex 29BDA7 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 #29BDA7 looks like.

```
.text, #text, p{  
    color:#29BDA7  
}
```

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 #29BDA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29BDA7
}
```

Border

The CSS property to change the border of an element to Hex 29BDA7 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
#29BDA7 }
```

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

```
.border{ border-color:#29BDA7 }
```

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

Here you see how a box with a 4 pixel #29BDA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29BDA7; -webkit-box-shadow:4px 4px  
4px 4px #29BDA7; box-shadow:4px 4px 4px  
4px #29BDA7 }
```

Background

The CSS property to change the background color of an element to Hex 29BDA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29BDA7 }
```

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

```
.background{ background-color:#29BDA7 }
```

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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