

Converting Colors

Hex(29D3AB)

Have a look what the booklet for
Hex(29D3AB) contains.

Hex(29D3AB)	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(29D3AB)

Conversions

Conversions Part 1

Format	Color
Hex	29D3AB
RGB	41, 211, 171
RGB Percent	16%, 83%, 67%
CMY	0.8392, 0.1725, 0.3294
CMYK	0.81, 0.00, 0.19, 0.17
HSL	166°, 67%, 49%
HSV	166°, 81%, 83%
XYZ	31.5594, 50.0002, 46.5157
YIQ	155.6100, -88.4800, -48.4800

Conversions

Conversions Part 2

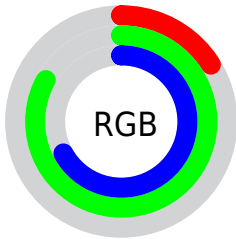
Format	Color
RYB	41, 137, 211
Decimal	2741163
CIELab	76.07, -50.62, 8.11
CIELCh	76, 51.265, 170.897
Yxy	50.0002, 0.2464, 0.3904
Android (android.graphics.Color)	4280931243 (0xFF29D3AB)
YUV	155.6100, 7.5873, -100.5130
Hunter-Lab	70.7108, -44.0765, 10.4948

Details

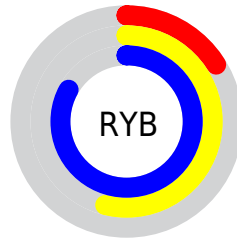
The Hex color **29D3AB** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **D32951**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **74FFE2**, and **009B77** is the 20% darker color. If you saturate the color by 10%, you get **14D3A6**, and if you desaturate by 10%, it is **3ED3B0**.

Distribution



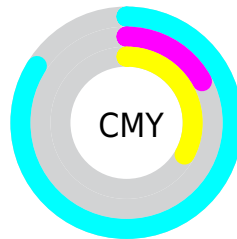
- Red (16%)
- Green (83%)
- Blue (67%)



- Red (16%)
- Yellow (54%)
- Blue (83%)



- Cyan (81%)
- Magenta (0%)
- Yellow (19%)
- Black (17%)



- Cyan (84%)
- Magenta (17%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29D3AB 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 29D3AB by changing the saturation by 10% instead.

 29D3AB


 29D3AB

FFFFFF

 00B790

 74FFE2

 009B77

 94FFFF

 00805E

 B3FFFF

 006646

 D2FFFF

 004D30

 F1FFFF

 00351B

 001E01

 000000

 29D3AB

 29D3AB

■ 14D3A6

■ 3ED3B0

■ 00D3A1

■ 53D3B5

■ 68D3BA

■ 7DD3BF

■ 92D3C4

■ A8D3C9

■ BDD3CE

■ D2D3D3

■ E7D3D8

Harmonies

Analogous

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



80CE7E



29D3AB



00D4DC

Triad

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



29D3AB



A9B5FF



FFA374

Complementary

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



29D3AB



D32951

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.



FF969C



29D3AB



E8A3F8

Square

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



29D3AB



43C5FF



FF96CC



E5B45C

Rectangle

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



29D3AB



00D1F8



FF96CC



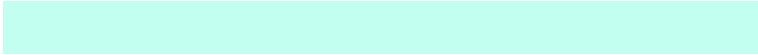
FF9E80

Sweetspot

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



29D3AB



C2FFF1



53D329



5B8077



000000



808080

Same Dimension

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



29D3AB



08FFC5



29A9D3



5E6966



00A881



00291F

Inverse Universe

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



D32951



FF0842



D35329



695E61



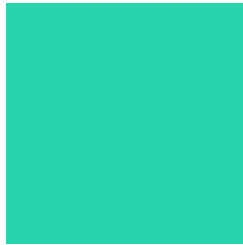
A80028



29000A

Previews

White Background



This preview shows how the Hex color 29D3AB looks on a white background.

Color Contrast Check

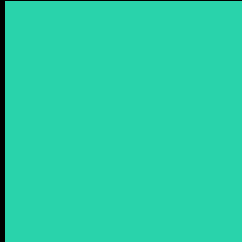
Large Text (above 18pt) WCAG AA × Fail

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 29D3AB 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

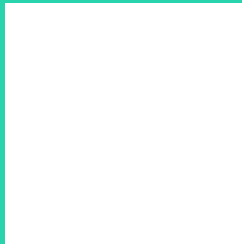
Any Text WCAG AAA ✓ Pass

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

Hex 29D3AB Background



This preview shows how black text looks on a background with the Hex color 29D3AB.

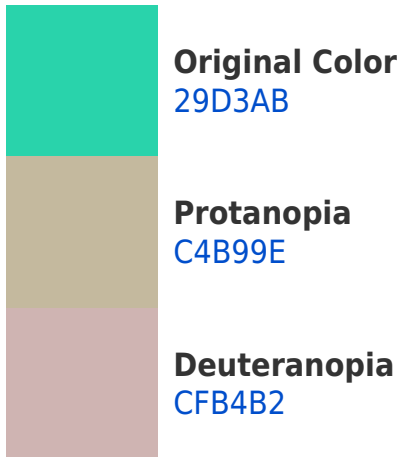


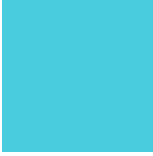
This preview shows how white text looks on a background with the Hex color 29D3AB.

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](#).

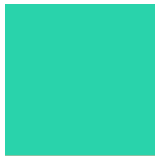
Dichromacy





Tritanopia
49CCDD

Trichromacy



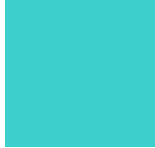
Original Color
29D3AB



Protanomaly
8CC2A3



Deuteranomaly
93BFAF



Tritanomaly
3DCFCB

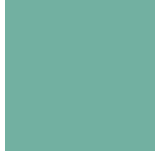
Monochromacy



Original Color
29D3AB



Achromatopsia
9C9C9C



Achromatomaly
72B0A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 29D3AB 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 #29D3AB looks like.

```
.text, #text, p{  
    color:#29D3AB  
}
```

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 #29D3AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29D3AB
}
```

Border

The CSS property to change the border of an element to Hex 29D3AB 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
#29D3AB }
```

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

```
.border{ border-color:#29D3AB }
```

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

Here you see how a box with a 4 pixel #29D3AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29D3AB; -webkit-box-shadow:4px 4px  
4px 4px #29D3AB; box-shadow:4px 4px 4px  
4px #29D3AB }
```

Background

The CSS property to change the background color of an element to Hex 29D3AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29D3AB }
```

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

```
.background{ background-color:#29D3AB }
```

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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