

Converting Colors

Hex(27C3AD)

Have a look what the booklet for
Hex(27C3AD) contains.

Hex(27C3AD)	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(27C3AD)

Conversions

Conversions Part 1

Format	Color
Hex	27C3AD
RGB	39, 195, 173
RGB Percent	15%, 76%, 68%
CMY	0.8471, 0.2353, 0.3216
CMYK	0.80, 0.00, 0.11, 0.24
HSL	172°, 67%, 46%
HSV	172°, 80%, 76%
XYZ	27.8946, 42.4787, 46.2642
YIQ	145.8480, -85.9140, -39.9140

Conversions

Conversions Part 2

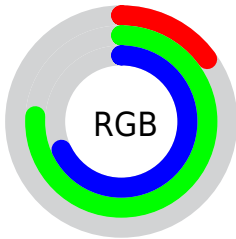
Format	Color
RYB	39, 123, 195
Decimal	2605997
CIELab	71.20, -43.59, -0.01
CIELCh	71, 43.586, 180.017
Yxy	42.4787, 0.2392, 0.3642
Android (android.graphics.Color)	4280796077 (0xFF27C3AD)
YUV	145.8480, 13.3859, -93.7057
Hunter-Lab	65.1757, -37.6609, 3.5367

Details

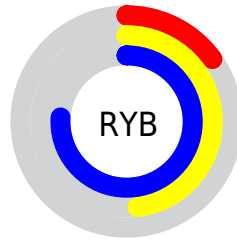
The Hex color **27C3AD** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C3273D**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **71FCE4**, and **008C79** is the 20% darker color. If you saturate the color by 10%, you get **13C3AA**, and if you desaturate by 10%, it is **3BC3B0**.

Distribution



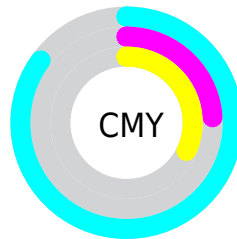
- Red (15%)
- Green (76%)
- Blue (68%)



- Red (15%)
- Yellow (48%)
- Blue (76%)



- Cyan (80%)
- Magenta (0%)
- Yellow (11%)
- Black (24%)



- Cyan (85%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27C3AD 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 27C3AD by changing the saturation by 10% instead.

 27C3AD

 27C3AD

FFFFFF

 00A792

 71FCE4

 008C79

 90FFFF

 007260

 AEFFFF

 005948

 CDFFFF

 004032

 EBFFFF

 002B1D

 000804

 000000

 27C3AD

 27C3AD

■ 13C3AA

■ 3BC3B0

■ 00C3A8

■ 4EC3B3

■ 62C3B5

■ 75C3B8

■ 88C3BB

■ 9CC3BD

■ B0C3C0

■ C3C3C3

■ D7C3C6

Harmonies

Analogous

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



6EC085



27C3AD



00C2D5

Triad

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



27C3AD



B2A4F3



E79E6A

Complementary

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



27C3AD



C3273D

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.



F99289



27C3AD



E096D7

Square

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



27C3AD



70B2FD



F88EB0



C7AC5E

Rectangle

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



27C3AD



00BFEA



F88EB0



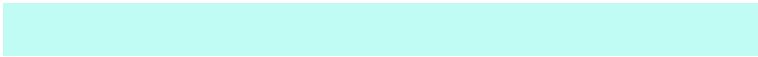
EF9973

Sweetspot

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



27C3AD



C0FCF4



3EC327



5B807A



000000



808080

Same Dimension

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



27C3AD



0AFCDA



278CC3



576160



00A18A



00211C

Inverse Universe

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



C3273D



FC0A2C



C35E27



615759



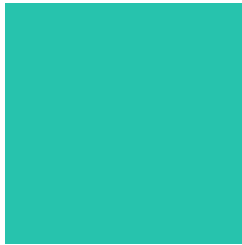
A10017



210005

Previews

White Background



This preview shows how the Hex color 27C3AD looks on a white background.

Color Contrast Check

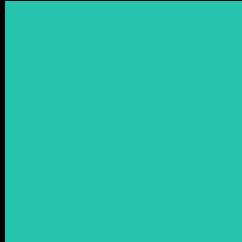
Large Text (above 18pt) WCAG AA × Fail

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 27C3AD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

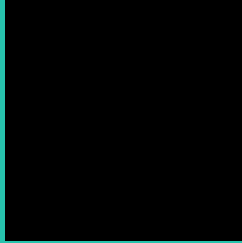
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

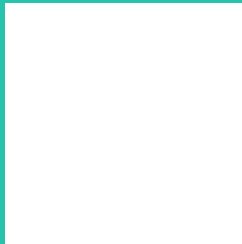
Any Text WCAG AAA ✓ Pass

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

Hex 27C3AD Background



This preview shows how black text looks on a background with the Hex color 27C3AD.

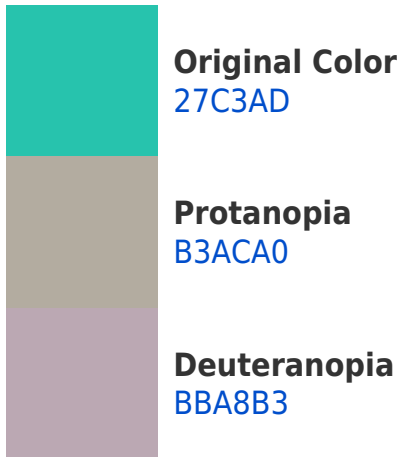


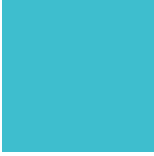
This preview shows how white text looks on a background with the Hex color 27C3AD.

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

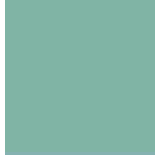




Trichromacy



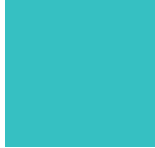
Original Color
27C3AD



Protanomaly
80B4A5



Deuteranomaly
85B2B1



Tritanomaly
36C0C2

Monochromacy



Original Color
27C3AD



Achromatopsia
929292



Achromatomaly
6BA49C

CSS Examples

Text

The CSS property to change the color of the text to Hex 27C3AD 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 #27C3AD looks like.

```
.text, #text, p{  
    color:#27C3AD  
}
```

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 #27C3AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27C3AD
}
```

Border

The CSS property to change the border of an element to Hex 27C3AD 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
#27C3AD }
```

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

```
.border{ border-color:#27C3AD }
```

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

Here you see how a box with a 4 pixel #27C3AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27C3AD; -webkit-box-shadow:4px 4px  
4px 4px #27C3AD; box-shadow:4px 4px 4px  
4px #27C3AD }
```

Background

The CSS property to change the background color of an element to Hex 27C3AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27C3AD }
```

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

```
.background{ background-color:#27C3AD }
```

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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