

Converting Colors

Hex(27C2AE)

Have a look what the booklet for
Hex(27C2AE) contains.

Hex(27C2AE)	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(27C2AE)

Conversions

Conversions Part 1

Format	Color
Hex	27C2AE
RGB	39, 194, 174
RGB Percent	15%, 76%, 68%
CMY	0.8471, 0.2392, 0.3176
CMYK	0.80, 0.00, 0.10, 0.24
HSL	172°, 67%, 46%
HSV	172°, 80%, 76%
XYZ	27.7685, 42.0709, 46.7013
YIQ	145.3750, -85.9600, -39.0800

Conversions

Conversions Part 2

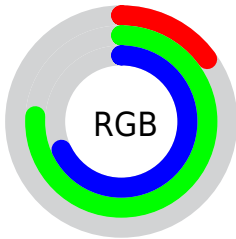
Format	Color
RYB	39, 122, 194
Decimal	2605742
CIELab	70.92, -42.88, -0.97
CIElCh	71, 42.892, 181.293
Yxy	42.0709, 0.2383, 0.3610
Android (android.graphics.Color)	4280795822 (0xFF27C2AE)
YUV	145.3750, 14.1121, -93.2909
Hunter-Lab	64.8621, -37.0900, 2.7141

Details

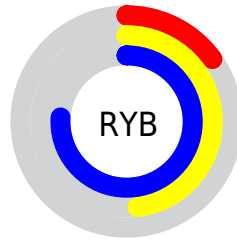
The Hex color **27C2AE** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C2273B**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **71FBE5**, and **008B7A** is the 20% darker color. If you saturate the color by 10%, you get **14C2AB**, and if you desaturate by 10%, it is **3AC2B1**.

Distribution



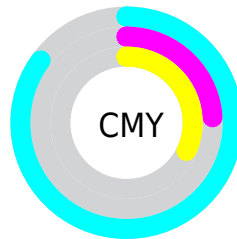
- Red (15%)
- Green (76%)
- Blue (68%)



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



- Cyan (80%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 27C2AE 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 27C2AE by changing the saturation by 10% instead.

 27C2AE

 27C2AE

FFFFFF

 00A693

 71FBE5

 008B7A

 90FFFF

 007161

 AEFFFF

 005849

 CDFFFF

 003F33

 EBFFFF

 002A1E

 000706

 000000

 27C2AE

 27C2AE

■ 14C2AB

■ 3AC2B1

■ 00C2A9

■ 4EC2B3

■ 61C2B6

■ 75C2B8

■ 88C2BB

■ 9BC2BD

■ AFC2C0

■ C2C2C2

■ D6C2C5

Harmonies

Analogous

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



6CBF87



27C2AE



00C1D5

Triad

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



27C2AE



B4A3F0



E49E6A

Complementary

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



27C2AE



C2273B

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.



F79287



27C2AE



E095D4

Square

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



27C2AE



74B1FB



F68EAD



C5AC5E

Rectangle

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



27C2AE



00BEE9



F68EAD



EC9A72

Sweetspot

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



27C2AE



C0FCF5



3CC227



5B807B



000000



808080

Same Dimension

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



27C2AE



0AFCDD



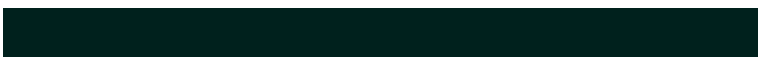
2789C2



576160



00A18C



00211D

Inverse Universe

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



C2273B



FC0A29



C26027



615758



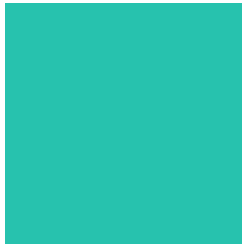
A10015



210004

Previews

White Background



This preview shows how the Hex color 27C2AE 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 27C2AE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

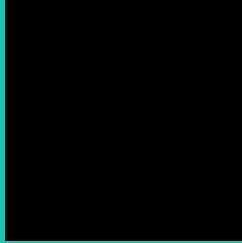
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

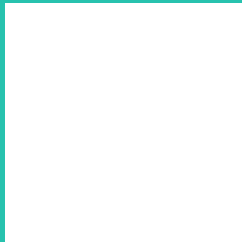
Any Text WCAG AAA ✓ Pass

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

Hex 27C2AE Background



This preview shows how black text looks on a background with the Hex color 27C2AE.



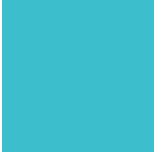
This preview shows how white text looks on a background with the Hex color 27C2AE.

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
27C2AE



Protanomaly
7FB3A6



Deuteranomaly
84B1B2



Tritanomaly
35BFC2

Monochromacy



Original Color
27C2AE



Achromatopsia
919191



Achromatomaly
6AA39C

CSS Examples

Text

The CSS property to change the color of the text to Hex 27C2AE 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 #27C2AE looks like.

```
.text, #text, p{  
    color:#27C2AE  
}
```

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 #27C2AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27C2AE
}
```

Border

The CSS property to change the border of an element to Hex 27C2AE 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
#27C2AE }
```

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

```
.border{ border-color:#27C2AE }
```

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

Here you see how a box with a 4 pixel #27C2AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27C2AE; -webkit-box-shadow:4px 4px  
4px 4px #27C2AE; box-shadow:4px 4px 4px  
4px #27C2AE }
```

Background

The CSS property to change the background color of an element to Hex 27C2AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27C2AE }
```

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

```
.background{ background-color:#27C2AE }
```

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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