

# Converting Colors

Hex(27C6AE)

Have a look what the booklet for  
Hex(27C6AE) contains.

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**Color**

**Hex(27C6AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	27C6AE
RGB	39, 198, 174
RGB Percent	15%, 78%, 68%
CMY	0.8471, 0.2235, 0.3176
CMYK	0.80, 0.00, 0.12, 0.22
HSL	171°, 67%, 46%
HSV	171°, 80%, 78%
XYZ	28.6708, 43.8755, 47.0021
YIQ	147.7230, -87.0600, -41.1720

# Conversions

## Conversions Part 2

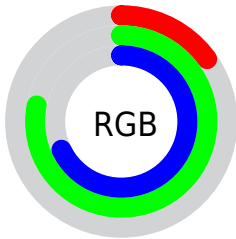
Format	Color
<a href="#">RYB</a>	<a href="#">39, 125, 198</a>
Decimal	<a href="#">2606766</a>
CIELab	<a href="#">72.15, -44.61, 0.82</a>
CIELCh	<a href="#">72, 44.615, 178.945</a>
Yxy	<a href="#">43.8755, 0.2398, 0.3670</a>
Android (android.graphics.Color)	<a href="#">4280796846</a> ( <a href="#">0xFF27C6AE</a> )
YUV	<a href="#">147.7230, 12.9546, -95.3501</a>
Hunter-Lab	<a href="#">66.2386, -38.6554, 4.2955</a>

# Details

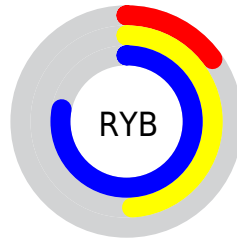
The Hex color **27C6AE** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C6273F**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **71FFE5**, and **008F7A** is the 20% darker color. If you saturate the color by 10%, you get **13C6AB**, and if you desaturate by 10%, it is **3BC6B1**.

# Distribution



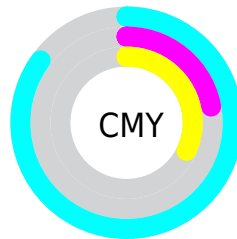
- Red (15%)
- Green (78%)
- Blue (68%)



- Red (15%)
- Yellow (49%)
- Blue (78%)



- Cyan (80%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)



- Cyan (85%)
- Magenta (22%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27C6AE 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 27C6AE by changing the saturation by 10% instead.



 27C6AE

 27C6AE

FFFFFF

 00AA93

 71FFE5

 008F7A

 90FFFF

 007561

 AFFFFFF

 005B49

 CEFFFF

 004333

 ECFFFF

 002C1E

 000E05

 000000

 27C6AE

 27C6AE

 13C6AB

 3BC6B1

 00C6A8

 4FC6B4

 62C6B7

 76C6BA

 8AC6BD

 9EC6C0

 B2C6C3

 C5C6C6

 D9C6C9

# Harmonies

## Analogous

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



70C285



27C6AE



00C5D7

# Triad

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



27C6AE



B2A7F8



ECA06C

# Complementary

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



27C6AE



C6273F

# 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.



FE938C



27C6AE



E298DC

# Square

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



27C6AE



6DB5FF



FB90B4



CCA E5E

# Rectangle

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



27C6AE



00C2ED



FB90B4



F49B75



# Sweetspot

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



27C6AE



C2FFF6



42C627



5B807A



000000



808080



# Same Dimension

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



27C6AE



0AFFDA



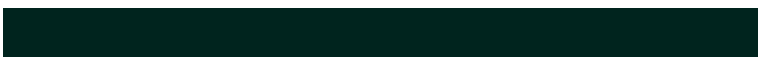
2791C6



5A6362



00A38B



00241E



# Inverse Universe

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



C6273F



FF0A2F



C65C27



635A5B



A30019

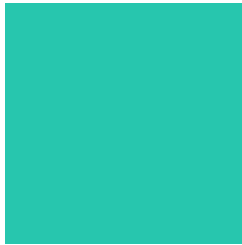


240005



# Previews

## White Background



This preview shows how the Hex color 27C6AE looks on a white background.

## Color Contrast Check

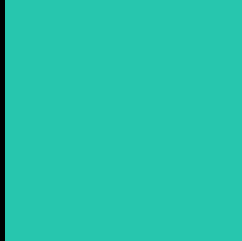
Large Text (above 18pt) WCAG AA × Fail

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 27C6AE 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

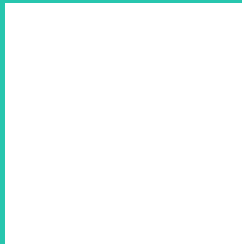
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 27C6AE Background



This preview shows how black text looks on a background with the Hex color 27C6AE.



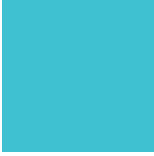
This preview shows how white text looks on a background with the Hex color 27C6AE.

# 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**  
40C1D1

# Trichromacy



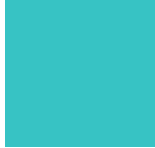
**Original Color**  
27C6AE



**Protanomaly**  
82B7A6



**Deuteranomaly**  
87B4B2



**Tritanomaly**  
37C3C4

# Monochromacy



**Original Color**  
27C6AE



**Achromatopsia**  
949494



**Achromatomaly**  
6CA69D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27C6AE 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 #27C6AE looks like.

```
.text, #text, p{  
    color:#27C6AE  
}
```

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 #27C6AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27C6AE
}
```

## Border

The CSS property to change the border of an element to Hex 27C6AE 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
#27C6AE }
```

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

```
.border{ border-color:#27C6AE }
```

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

Here you see how a box with a 4 pixel #27C6AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27C6AE; -webkit-box-shadow:4px 4px  
4px 4px #27C6AE; box-shadow:4px 4px 4px  
4px #27C6AE }
```

# Background

The CSS property to change the background color of an element to Hex 27C6AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27C6AE }
```

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

```
.background{ background-color:#27C6AE }
```

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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