

# Converting Colors

Hex(27C9AD)

Have a look what the booklet for  
Hex(27C9AD) contains.

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# Color

Hex(27C9AD)

# Conversions

## Conversions Part 1

Format	Color
Hex	27C9AD
RGB	39, 201, 173
RGB Percent	15%, 79%, 68%
CMY	0.8471, 0.2118, 0.3216
CMYK	0.81, 0.00, 0.14, 0.21
HSL	170°, 68%, 47%
HSV	170°, 81%, 79%
XYZ	29.2662, 45.2218, 46.7213
YIQ	149.3700, -87.5640, -43.0520

# Conversions

## Conversions Part 2

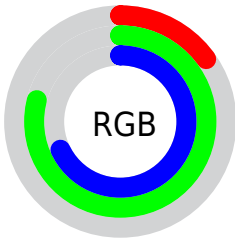
Format	Color
<a href="#">RYB</a>	<a href="#">39, 128, 201</a>
Decimal	<a href="#">2607533</a>
CIELab	<a href="#">73.04, -46.15, 2.66</a>
CIElCh	<a href="#">73, 46.226, 176.699</a>
Yxy	<a href="#">45.2218, 0.2415, 0.3731</a>
Android (android.graphics.Color)	<a href="#">4280797613</a> ( <a href="#">0xFF27C9AD</a> )
YUV	<a href="#">149.3700, 11.6496, -96.7945</a>
Hunter-Lab	<a href="#">67.2471, -39.9987, 5.8800</a>

# Details

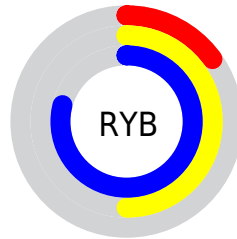
The Hex color **27C9AD** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C92743**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **72FFE4**, and **009279** is the 20% darker color. If you saturate the color by 10%, you get **13C9AA**, and if you desaturate by 10%, it is **3BC9B0**.

# Distribution



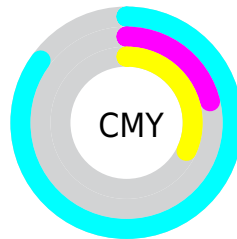
- Red (15%)
- Green (79%)
- Blue (68%)



- Red (15%)
- Yellow (50%)
- Blue (79%)



- Cyan (81%)
- Magenta (0%)
- Yellow (14%)
- Black (21%)



- Cyan (85%)
- Magenta (21%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27C9AD 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 27C9AD by changing the saturation by 10% instead.



 27C9AD

 27C9AD

FFFFFF

 00AD92

 72FFE4

 009279

 91FFFF

 007860

 B0FFFF

 005E48

 CEFFFF

 004532

 EDFFFF

 002E1D

 001304

 000000

 27C9AD

 27C9AD

 13C9AA

 3BC9B0

 00C9A6

 4FC9B4

 63C9B7

 77C9BB

 8CC9BE

 A0C9C2

 B4C9C5

 C8C9C9

 DCC9CC

# Harmonies

## Analogous

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



74C583



27C9AD



00C9D8

# Triad

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



27C9AD



B0A0FF



F2A06E

# Complementary

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



27C9AD



C92743

# 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.



FF9490



27C9AD



E49AE2

# Square

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



27C9AD



65B9FF



FF91BA



D2AF5D

# Rectangle

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



27C9AD



00C6F0



FF91BA



FA9B77

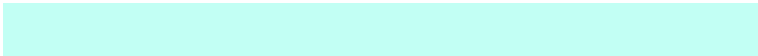


# Sweetspot

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



27C9AD



C2FFF4



45C927



5B8079



000000



808080



# Same Dimension

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



27C9AD



08FFD4



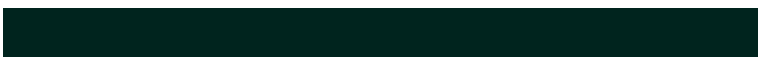
2796C9



5A6362



00A387



00241E



# Inverse Universe

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



C92743



FF0832



C95A27



635A5B



A3001C

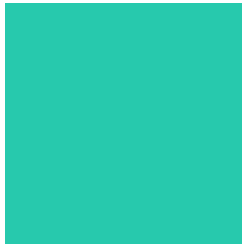


240006



# Previews

## White Background



This preview shows how the Hex color 27C9AD 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 27C9AD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

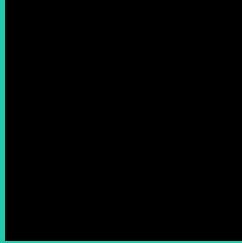
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

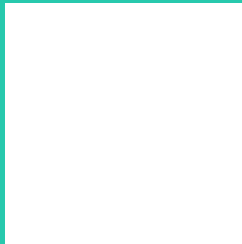
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 27C9AD Background



This preview shows how black text looks on a background with the Hex color 27C9AD.

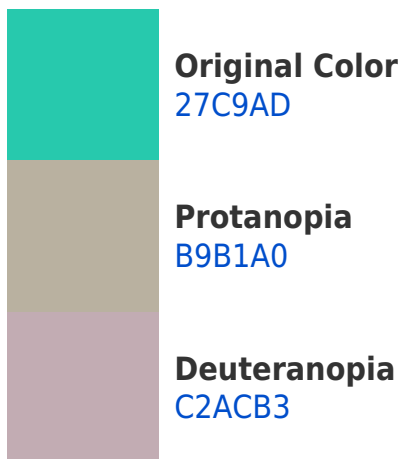


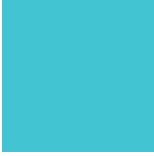
This preview shows how white text looks on a background with the Hex color 27C9AD.

# 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](#).

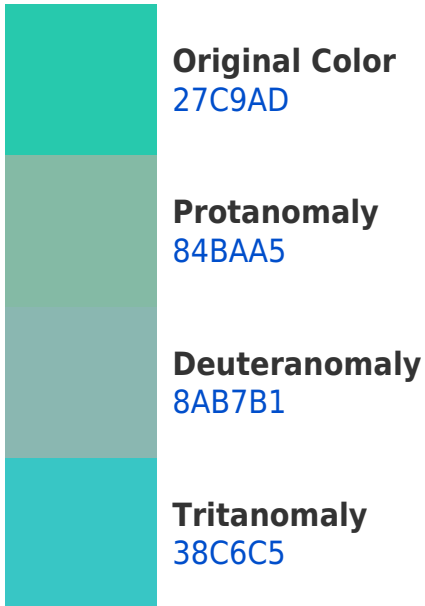
## Dichromacy





**Tritanopia**  
42C4D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27C9AD 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 #27C9AD looks like.

```
.text, #text, p{  
    color:#27C9AD  
}
```

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 #27C9AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27C9AD
}
```

## Border

The CSS property to change the border of an element to Hex 27C9AD 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
#27C9AD }
```

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

```
.border{ border-color:#27C9AD }
```

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

Here you see how a box with a 4 pixel #27C9AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27C9AD; -webkit-box-shadow:4px 4px  
4px 4px #27C9AD; box-shadow:4px 4px 4px  
4px #27C9AD }
```

# Background

The CSS property to change the background color of an element to Hex 27C9AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27C9AD }
```

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

```
.background{ background-color:#27C9AD }
```

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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