

# Converting Colors

Hex(27A8AE)

Have a look what the booklet for  
Hex(27A8AE) contains.

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**Color**

**Hex(27A8AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	27A8AE
RGB	39, 168, 174
RGB Percent	15%, 66%, 68%
CMY	0.8471, 0.3412, 0.3176
CMYK	0.78, 0.03, 0.00, 0.32
HSL	183°, 63%, 42%
HSV	183°, 78%, 68%
XYZ	22.4793, 31.4926, 44.9383
YIQ	130.1130, -78.8100, -25.4820

# Conversions

## Conversions Part 2

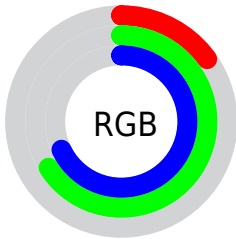
Format	Color
<a href="#">RYB</a>	39, 105, 174
Decimal	2599086
CIELab	62.92, -30.97, -12.84
CIELCh	63, 33.524, 202.513
Yxy	31.4926, 0.2273, 0.3184
Android (android.graphics.Color)	4280789166 (0xFF27A8AE)
YUV	130.1130, 21.6363, -79.9061
Hunter-Lab	56.1183, -26.7051, -8.1954

# Details

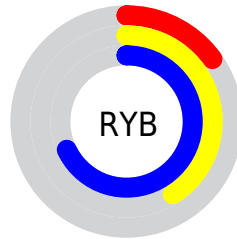
The Hex color **27A8AE** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AE2D27**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **6DE0E5**, and **00737A** is the 20% darker color. If you saturate the color by 10%, you get **16A7AE**, and if you desaturate by 10%, it is **38A9AE**.

# Distribution



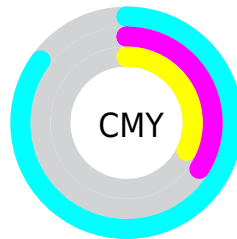
- Red (15%)
- Green (66%)
- Blue (68%)



- Red (15%)
- Yellow (41%)
- Blue (68%)



- Cyan (78%)
- Magenta (3%)
- Yellow (0%)
- Black (32%)



- Cyan (85%)
- Magenta (34%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27A8AE 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 27A8AE by changing the saturation by 10% instead.



 27A8AE

 27A8AE

FFFFFF

 008D93

 6DE0E5

 00737A

 8BFCFF

 005A61

 A9FFFF

 004249

 C6FFFF

 002B33

 E5FFFF

 00131E

 000002

 000000

 27A8AE

 27A8AE

■ 16A7AE

■ 38A9AE

■ 04A6AE

■ 4AAAAE

■ 00A6AE

■ 5BAAAE

■ 6DABAE

■ 7EACAE

■ 8FADAE

■ A1ADAE

■ B2AEAE

■ C4AFAE

# Harmonies

## Analogous

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



4DA88F



27A8AE



30A5C7

# Triad

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



27A8AE



B789BD



B3945D

# Complementary

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



27A8AE



AE2D27

# 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.



C98A6A



27A8AE



CD82A1

# Square

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



27A8AE



9193CF



D38283



959D60

# Rectangle

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



27A8AE



50A0D0



D38283



BB9060



# Sweetspot

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



27A8AE



AFE1E3



27AE2B



537173



F2F2F2



737373



# Same Dimension

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



27A8AE



10DAE3



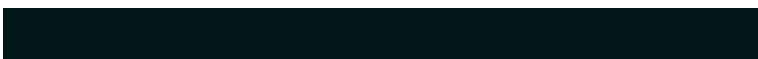
2766AE



4E5657



009096



001617



# Inverse Universe

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



AE27A8



E310DA



AE6F27



574E56



960090



170016



# Previews

## White Background



This preview shows how the Hex color 27A8AE looks on a white background.

## Color Contrast Check

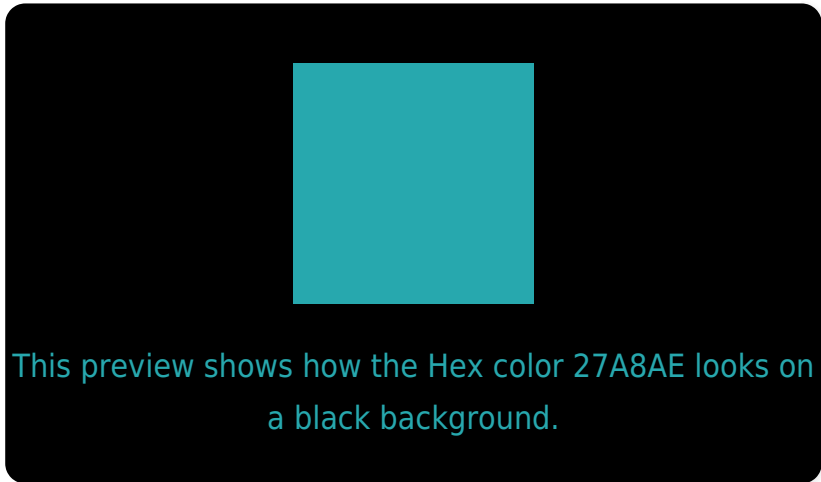
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 27A8AE Background



This preview shows how black text looks on a background with the Hex color 27A8AE.

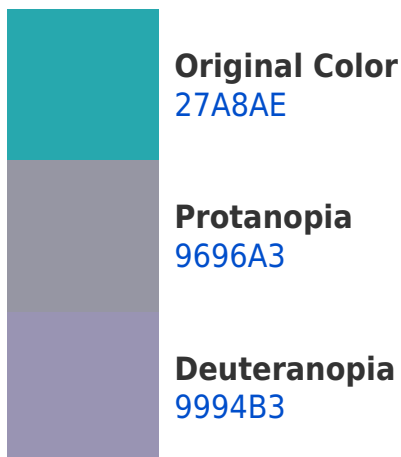


This preview shows how white text looks on a background with the Hex color 27A8AE.

# 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](#).

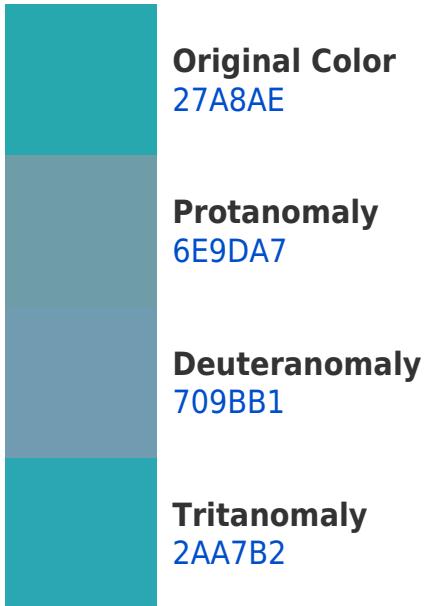
## Dichromacy



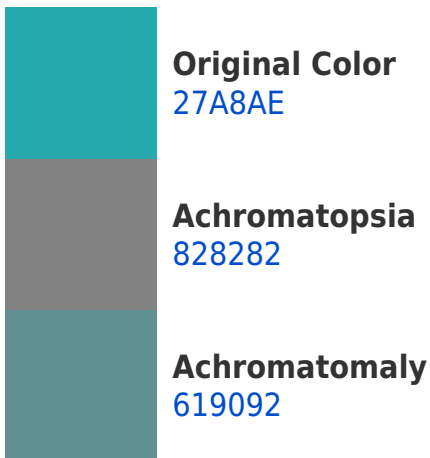


**Tritanopia**  
2CA7B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27A8AE 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 #27A8AE looks like.

```
.text, #text, p{  
    color:#27A8AE  
}
```

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 #27A8AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27A8AE
}
```

## Border

The CSS property to change the border of an element to Hex 27A8AE 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
#27A8AE }
```

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

```
.border{ border-color:#27A8AE }
```

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

Here you see how a box with a 4 pixel #27A8AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27A8AE; -webkit-box-shadow:4px 4px  
4px 4px #27A8AE; box-shadow:4px 4px 4px  
4px #27A8AE }
```

# Background

The CSS property to change the background color of an element to Hex 27A8AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27A8AE }
```

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

```
.background{ background-color:#27A8AE }
```

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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