

Converting Colors

Hex(27AEA0)

Have a look what the booklet for
Hex(27AEA0) contains.

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Color

Hex(27AEA0)

Conversions

Conversions Part 1

Format	Color
Hex	27AEA0
RGB	39, 174, 160
RGB Percent	15%, 68%, 63%
CMY	0.8471, 0.3176, 0.3725
CMYK	0.78, 0.00, 0.08, 0.32
HSL	174°, 63%, 42%
HSV	174°, 78%, 68%
XYZ	22.3179, 33.2415, 38.4977
YIQ	132.0390, -75.9660, -32.9740

Conversions

Conversions Part 2

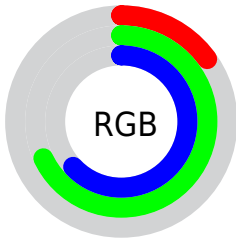
Format	Color
R _Y B	39, 110, 174
Decimal	2600608
CIE Lab	64.36, -37.90, -2.88
CIE LCh	64, 38.004, 184.344
Yxy	33.2415, 0.2373, 0.3534
Android (android.graphics.Color)	4280790688 (0xFF27AEA0)
YUV	132.0390, 13.7848, -81.5952
Hunter-Lab	57.6554, -31.8013, 0.7697

Details

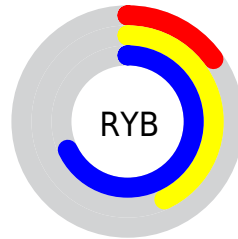
The Hex color **27AEA0** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AE2735**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **6CE6D7**, and **00796D** is the 20% darker color. If you saturate the color by 10%, you get **16AE9E**, and if you desaturate by 10%, it is **38AEA2**.

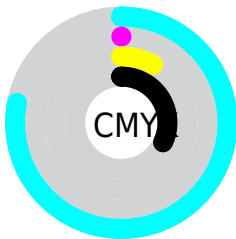
Distribution



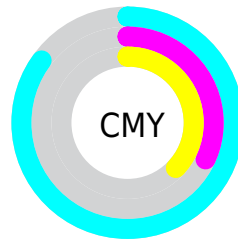
- Red (15%)
- Green (68%)
- Blue (63%)



- Red (15%)
- Yellow (43%)
- Blue (68%)



- Cyan (78%)
- Magenta (0%)
- Yellow (8%)
- Black (32%)



- Cyan (85%)
- Magenta (32%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27AEA0 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 27AEA0 by changing the saturation by 10% instead.

 27AEA0

 27AEA0

FFFFFF

 009386

 6CE6D7

 00796D

 8AFFF3

 005F54

 A8FFFF

 00473D

 C6FFFF

 002F28

 E4FFFF

 001813

 000000

 27AEA0

 27AEA0

 16AE9E

 38AEA2

■ 04AE9C

■ 4AAEA4

■ 00AE9C

■ 5BAEA5

■ 6DAEA7

■ 7EAEA9

■ 8FAEAB

■ A1AEAD

■ B2AEAE

■ C4AEB0

Harmonies

Analogous

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



5FAB7E



27AEA0



00ADC1

Triad

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



27AEA0



A691D4



CA905F

Complementary

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



27AEA0



AE2735

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.



DB8577



27AEA0



CB86BA

Square

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



27AEA0



719EDF



DC8198



AD9C57

Rectangle

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



27AEA0



00AAD2



DC8198



D18C66

Sweetspot

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



27AEA0



AFE3DE



37AE27



53736F



F2F2F2



737373

Same Dimension

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



27AEA0



10E3CD



277AAE



4E5756



009687



001715

Inverse Universe

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



AE2735



E31026



AE5B27



574E4F



960010



170002

Previews

White Background



This preview shows how the Hex color 27AEA0 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 27AEA0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

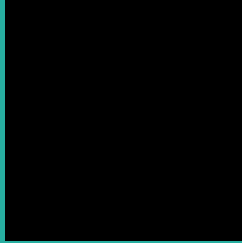
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

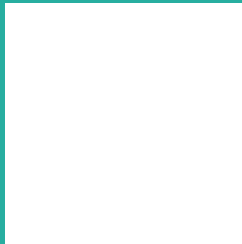
Any Text WCAG AAA ✓ Pass

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

Hex 27AEA0 Background



This preview shows how black text looks on a background with the Hex color 27AEA0.

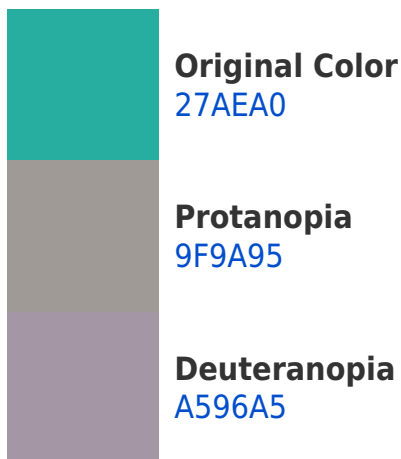


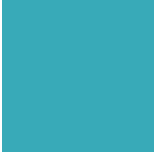
This preview shows how white text looks on a background with the Hex color 27AEA0.

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](#).

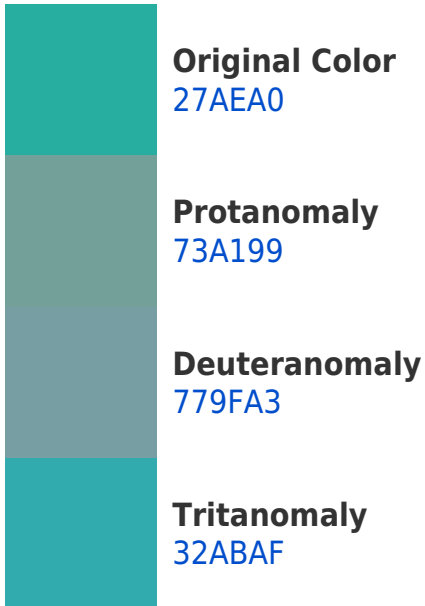
Dichromacy



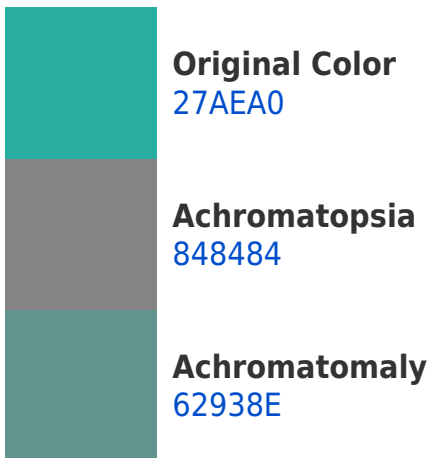


Tritanopia
38AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 27AEA0 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 #27AEA0 looks like.

```
.text, #text, p{  
    color:#27AEA0  
}
```

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 #27AEA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27AEA0  
}
```

Border

The CSS property to change the border of an element to Hex 27AEA0 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  
#27AEA0 }
```

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

```
.border{ border-color:#27AEA0 }
```

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

Here you see how a box with a 4 pixel #27AEA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27AEA0; -webkit-box-shadow:4px 4px  
4px 4px #27AEA0; box-shadow:4px 4px 4px  
4px #27AEA0 }
```

Background

The CSS property to change the background color of an element to Hex 27AEA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27AEA0 }
```

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

```
.background{ background-color:#27AEA0 }
```

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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