

Converting Colors

Hex(27ABAB)

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

Hex(27ABAB)	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(27ABAB)

Conversions

Conversions Part 1

Format	Color
Hex	27ABAB
RGB	39, 171, 171
RGB Percent	15%, 67%, 67%
CMY	0.8471, 0.3294, 0.3294
CMYK	0.77, 0.00, 0.00, 0.33
HSL	180°, 63%, 41%
HSV	180°, 77%, 67%
XYZ	22.7503, 32.4974, 43.6016
YIQ	131.5320, -78.6720, -27.9840

Conversions

Conversions Part 2

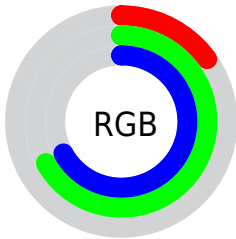
Format	Color
RYB	39, 105, 171
Decimal	2599851
CIELab	63.75, -33.31, -9.91
CIElCh	64, 34.756, 196.571
Yxy	32.4974, 0.2302, 0.3288
Android (android.graphics.Color)	4280789931 (0xFF27ABAB)
YUV	131.5320, 19.4577, -81.1506
Hunter-Lab	57.0065, -28.5252, -5.4436

Details

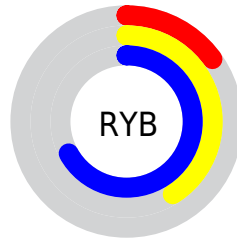
The Hex color **27ABAB** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AB2727**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **6DE3E2**, and **007677** is the 20% darker color. If you saturate the color by 10%, you get **16ABAB**, and if you desaturate by 10%, it is **38ABAB**.

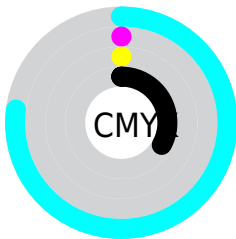
Distribution



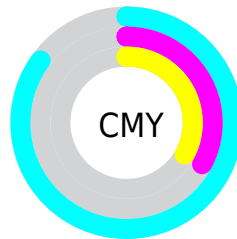
- Red (15%)
- Green (67%)
- Blue (67%)



- Red (15%)
- Yellow (41%)
- Blue (67%)



- Cyan (77%)
- Magenta (0%)
- Yellow (0%)
- Black (33%)



- Cyan (85%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 27ABAB

 27ABAB

FFFFFF

 009091

 6DE3E2

 007677

 8BFFFF

 005D5E

 A9FFFF

 004547

 C7FFFF

 002E30

 E5FFFF

 00161C

 000000

 27ABAB

 27ABAB

 16ABAB

 38ABAB

05ABAB

49ABAB

00ABAB

5AABAB

6BABAB

7CABAB

8EABAB

9FABAB

B0ABAB

C1ABAB

Harmonies

Analogous

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



53AA8B



27ABAB



20A8C6

Triad

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



27ABAB



B38CC5



BB945E

Complementary

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



27ABAB



AB2727

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.



D0896F



27ABAB



CE84AA

Square

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



27ABAB



8A98D6



D7838A



9E9E5E

Rectangle

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



27ABAB



43A4D3



D7838A



C39062

Sweetspot

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



27ABAB



ABDEDE



27AB27



517070



F0F0F0



707070

Same Dimension

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



27ABAB



10DEDE



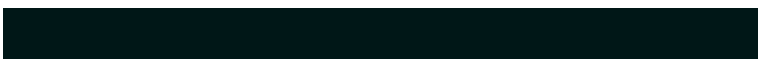
2769AB



4E5757



009696



001717

Inverse Universe

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



AB27AB



DE10DE



AB6927



574E57



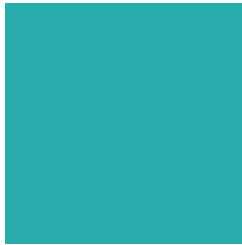
960096



170017

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

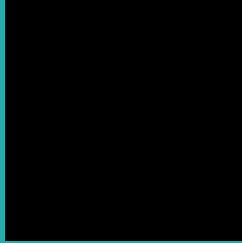
Any Text WCAG AA ✓ Pass

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 27ABAB Background



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

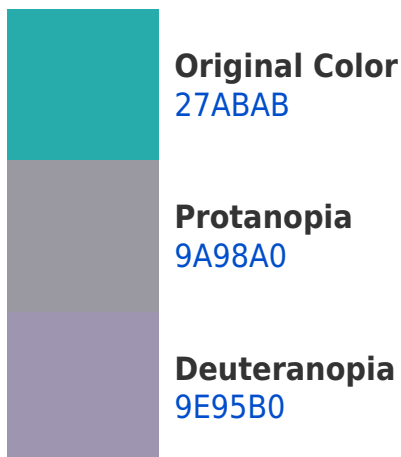


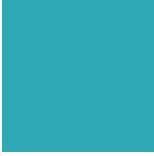
This preview shows how white text looks on a background with the Hex color 27ABAB.

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](#).

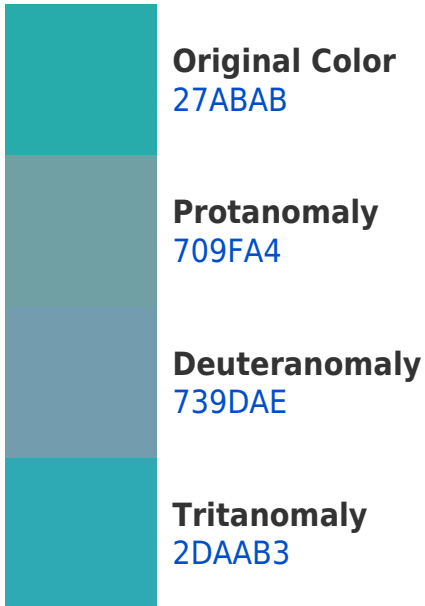
Dichromacy



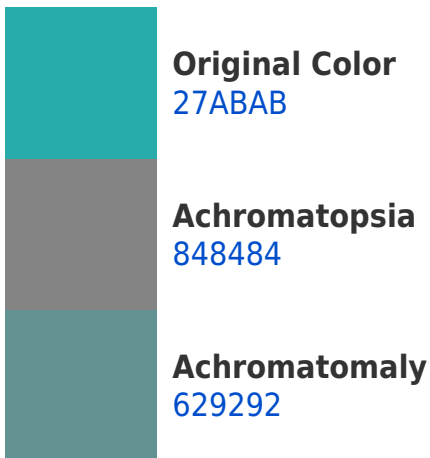


Tritanopia
30A9B7

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #27ABAB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor