

Converting Colors

Hex(27BBAC)

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

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Color

Hex(27BBAC)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 27BBAC |
| RGB | 39, 187, 172 |
| RGB Percent | 15%, 73%, 67% |
| CMY | 0.8471, 0.2667, 0.3255 |
| CMYK | 0.79, 0.00, 0.08, 0.27 |
| HSL | 174°, 65%, 44% |
| HSV | 174°, 79%, 73% |
| XYZ | 26.0534, 38.9505, 45.1748 |
| YIQ | 141.0380, -83.3930, -36.0410 |

Conversions

Conversions Part 2

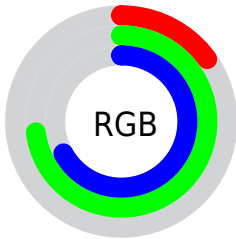
| Format | Color |
|-------------------------------------|--|
| RYB | 39, 117, 187 |
| Decimal | 2603948 |
| CIELab | 68.72, -40.36, -3.11 |
| CIELCh | 69, 40.475, 184.402 |
| Yxy | 38.9505, 0.2365, 0.3535 |
| Android (android.graphics.Color) | 4280794028 (0xFF27BBAC) |
| YUV | 141.0380, 15.2643, -89.4873 |
| Hunter-Lab | 62.4104, -34.7027, 0.7711 |

Details

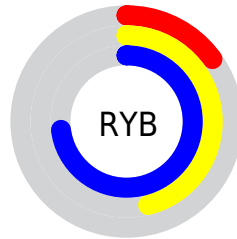
The Hex color **27BBAC** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **BB2736**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **6FF4E3**, and **008578** is the 20% darker color. If you saturate the color by 10%, you get **14BBAA**, and if you desaturate by 10%, it is **3ABBAE**.

Distribution



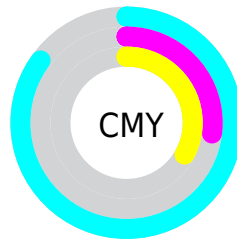
- Red (15%)
- Green (73%)
- Blue (67%)



- Red (15%)
- Yellow (46%)
- Blue (73%)



- Cyan (79%)
- Magenta (0%)
- Yellow (8%)
- Black (27%)



- Cyan (85%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 27BBAC

 27BBAC

FFFFFF

 00A091

 6FF4E3

 008578

 8EFFFF

 006B5F

 ACFFFF

 005248

 CBFFFF

 003A31

 E9FFFF

 00251C

 000002

 000000

 27BBAC

 27BBAC

■ 14BBAA

■ 3ABBAE

■ 02BBA8

■ 4CBBB0

■ 00BBA8

■ 5FBBB2

■ 72BBB4

■ 85BBB5

■ 97BBB7

■ AABBB9

■ BDBBBB

■ CFBBBD

Harmonies

Analogous

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



66B887



27BBAC



00BAD0

Triad

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



27BBAC



B39CE4



D99A66

Complementary

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



27BBAC



BB2736

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.



EB8F80



27BBAC



DA90C8

Square

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



27BBAC



79A9F0



ED8AA4



BAA75D

Rectangle

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



27BBAC



00B6E2



ED8AA4



E1966D

Sweetspot

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



27BBAC



B8F2EC



38BB27



577A77



FAFAFA



7A7A7A

Same Dimension

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



27BBAC



0CF2DB



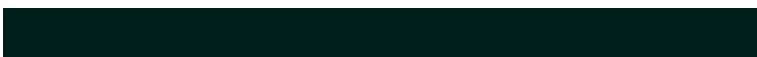
2782BB



555E5D



009E8E



001F1B

Inverse Universe

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



BB2736



F20C23



BB6027



5E5556



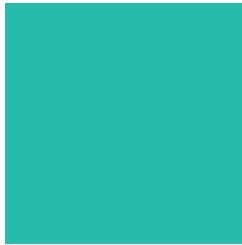
9E0010



1F0003

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

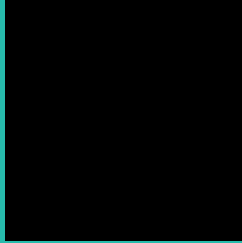
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

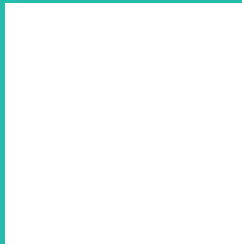
Any Text WCAG AAA ✓ Pass

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

Hex 27BBAC Background



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

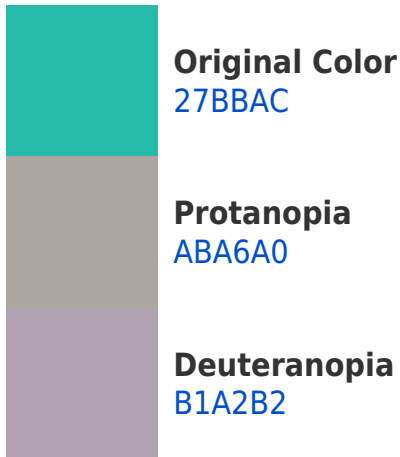


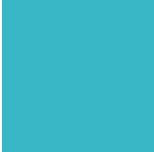
This preview shows how white text looks on a background with the Hex color 27BBAC.

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
3AB7C6

Trichromacy



Original Color
27BBAC



Protanomaly
7BAEA4



Deuteranomaly
7FABBO



Tritanomaly
33B8BD

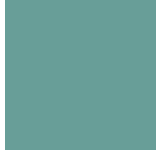
Monochromacy



Original Color
27BBAC



Achromatopsia
8D8D8D



Achromatomaly
689E98

CSS Examples

Text

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

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

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 #27BBAC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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