

Converting Colors

Hex(27BB84)

Have a look what the booklet for
Hex(27BB84) contains.

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Color

Hex(27BB84)

Conversions

Conversions Part 1

Format	Color
Hex	27BB84
RGB	39, 187, 132
RGB Percent	15%, 73%, 52%
CMY	0.8471, 0.2667, 0.4824
CMYK	0.79, 0.00, 0.29, 0.27
HSL	158°, 65%, 44%
HSV	158°, 79%, 73%
XYZ	22.7719, 37.6379, 27.8944
YIQ	136.4780, -70.5530, -48.4810

Conversions

Conversions Part 2

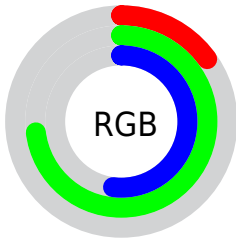
Format	Color
RYB	39, 130, 187
Decimal	2603908
CIELab	67.75, -50.46, 17.38
CIElCh	68, 53.368, 160.996
Yxy	37.6379, 0.2579, 0.4262
Android (android.graphics.Color)	4280793988 (0xFF27BB84)
YUV	136.4780, -2.2077, -85.4882
Hunter-Lab	61.3498, -41.1062, 15.9869

Details

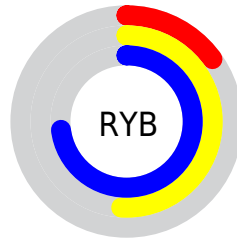
The Hex color **27BB84** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BB275E**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6DF4B9**, and **008552** is the 20% darker color. If you saturate the color by 10%, you get **14BB7D**, and if you desaturate by 10%, it is **3ABB8B**.

Distribution



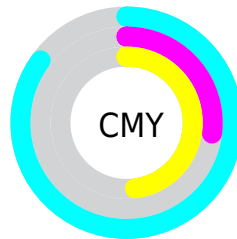
- Red (15%)
- Green (73%)
- Blue (52%)



- Red (15%)
- Yellow (51%)
- Blue (73%)



- Cyan (79%)
- Magenta (0%)
- Yellow (29%)
- Black (27%)



- Cyan (85%)
- Magenta (27%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27BB84 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 27BB84 by changing the saturation by 10% instead.



27BB84



27BB84

FFFFFF



009F6B



6DF4B9



008552



8BFFD5



006A3B



A9FFF1



005125



C7FFFF



003910



E5FFFF



002200



000000



27BB84



27BB84



14BB7D



3ABB8B

■ 02BB76

■ 4CBB92

■ 00BB76

■ 5FB99

■ 72BBA0

■ 85BBA7

■ 97BBAE

■ AABBB5

■ BDBBBC

■ CFBBC3

Harmonies

Analogous

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



7BB459



27BB84



00BDB6

Triad

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



27BB84



71A4FF



F68668

Complementary

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



27BB84



BB275E

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.



FF7B95



27BB84



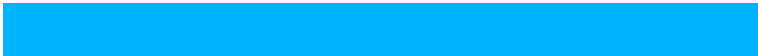
C091EE

Square

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



27BB84



00B3FF



ED80C6



DA9748

Rectangle

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



27BB84



00BCD5



ED80C6



FC8176

Sweetspot

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



27BB84



B8F2DD



60BB27



577A6D



FAFAFA



7A7A7A

Same Dimension

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



27BB84



0CF29D



27AABB



555E5B



009E63



001F13

Inverse Universe

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



BB275E



F20C62



BB3827



5E5558



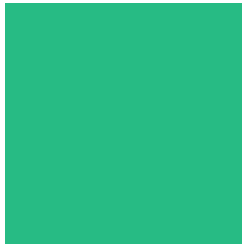
9E003B



1F000B

Previews

White Background



This preview shows how the Hex color 27BB84 looks on a white background.

Color Contrast Check

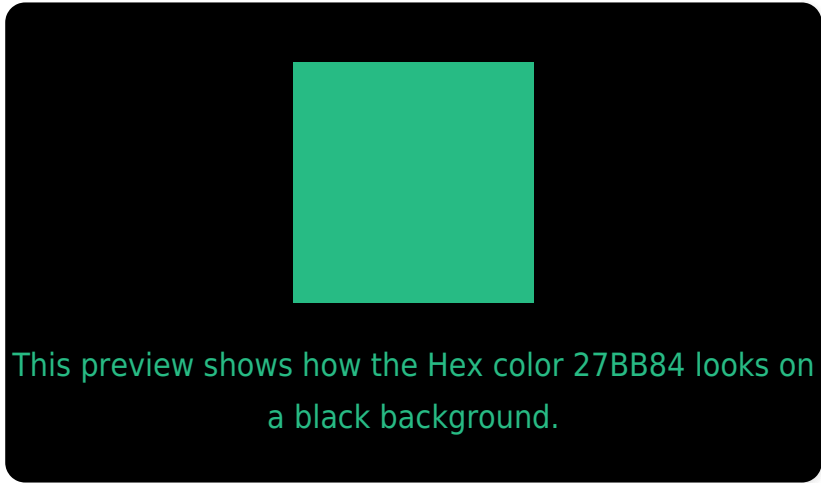
Large Text (above 18pt) WCAG AA × Fail

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

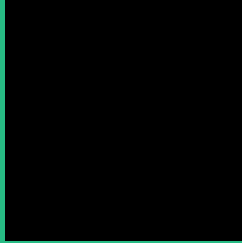
Any Text WCAG AA ✓ Pass

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 27BB84 Background



This preview shows how black text looks on a background with the Hex color 27BB84.

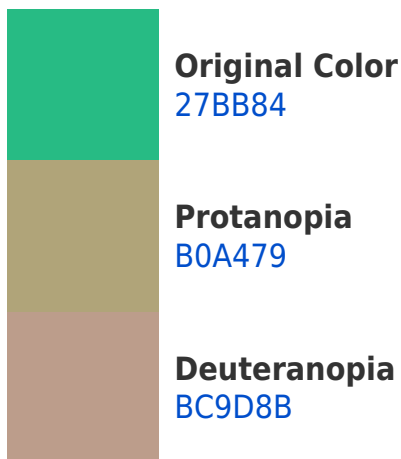


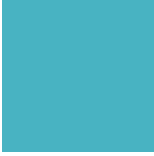
This preview shows how white text looks on a background with the Hex color 27BB84.

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
48B3C2

Trichromacy



Original Color
27BB84



Protanomaly
7EAC7D



Deuteranomaly
86A888



Tritanomaly
3CB6AB

Monochromacy



Original Color
27BB84



Achromatopsia
888888



Achromatomaly
659B87

CSS Examples

Text

The CSS property to change the color of the text to Hex 27BB84 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 #27BB84 looks like.

```
.text, #text, p{  
    color:#27BB84  
}
```

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 #27BB84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27BB84
}
```

Border

The CSS property to change the border of an element to Hex 27BB84 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
#27BB84 }
```

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

```
.border{ border-color:#27BB84 }
```

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

Here you see how a box with a 4 pixel #27BB84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27BB84; -webkit-box-shadow:4px 4px  
4px 4px #27BB84; box-shadow:4px 4px 4px  
4px #27BB84 }
```

Background

The CSS property to change the background color of an element to Hex 27BB84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27BB84 }
```

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

```
.background{ background-color:#27BB84 }
```

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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