

Converting Colors

Hex(27BD98)

Have a look what the booklet for
Hex(27BD98) contains.

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Color

Hex(27BD98)

Conversions

Conversions Part 1

Format	Color
Hex	27BD98
RGB	39, 189, 152
RGB Percent	15%, 74%, 60%
CMY	0.8471, 0.2588, 0.4039
CMYK	0.79, 0.00, 0.20, 0.26
HSL	165°, 66%, 45%
HSV	165°, 79%, 74%
XYZ	24.7018, 39.0935, 35.9496
YIQ	139.9320, -77.5230, -43.3070

Conversions

Conversions Part 2

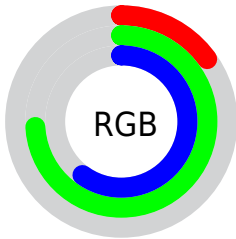
Format	Color
RYB	39, 125, 189
Decimal	2604440
CIELab	68.82, -46.52, 8.01
CIElCh	69, 47.203, 170.233
Yxy	39.0935, 0.2476, 0.3919
Android (android.graphics.Color)	4280794520 (0xFF27BD98)
YUV	139.9320, 5.9495, -88.5174
Hunter-Lab	62.5248, -38.8981, 9.6776

Details

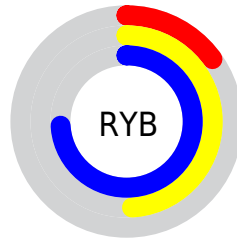
The Hex color **27BD98** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BD274C**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6EF6CE**, and **008765** is the 20% darker color. If you saturate the color by 10%, you get **14BD93**, and if you desaturate by 10%, it is **3ABD9D**.

Distribution



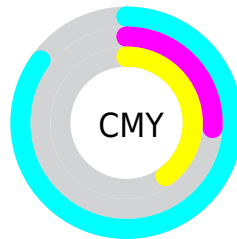
- Red (15%)
- Green (74%)
- Blue (60%)



- Red (15%)
- Yellow (49%)
- Blue (74%)



- Cyan (79%)
- Magenta (0%)
- Yellow (20%)
- Black (26%)



- Cyan (85%)
- Magenta (26%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27BD98 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 27BD98 by changing the saturation by 10% instead.

 27BD98

 27BD98

FFFFFF

 00A17E

 6EF6CE

 008765

 8DFFEA

 006C4D

 ABFFFF

 005336

 C9FFFF

 003B21

 E7FFFF

 00250B

 000000

 27BD98

 27BD98

 14BD93

 3ABD9D

01BD8F

4DBDA1

00BD8E

60BDA6

73BDAB

86BDAF

98BDB4

ABBDB9

BEBDBD

D1BDC2

Harmonies

Analogous

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



73B86F



27BD98



00BEC4

Triad

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



27BD98



95A2F8



EC9168

Complementary

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



27BD98



BD274C

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.



F9868D



27BD98



CF92DF

Square

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



27BD98



38B0FC



F086B8



CEA152

Rectangle

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



27BD98



00BCDE



F086B8



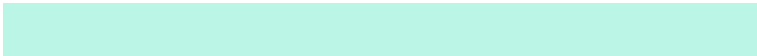
F28D73

Sweetspot

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



27BD98



BAF5E6



4CBD27



577A72



FAFAFA



7A7A7A

Same Dimension

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



27BD98



0CF5BB



2798BD



555E5C



009E77



001F17

Inverse Universe

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



BD274C



F50C46



BD4C27



5E5557



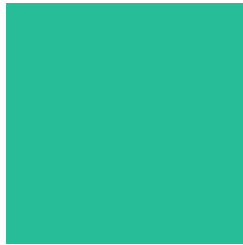
9E0027



1F0008

Previews

White Background



This preview shows how the Hex color 27BD98 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 27BD98 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 27BD98 Background



This preview shows how black text looks on a background with the Hex color 27BD98.

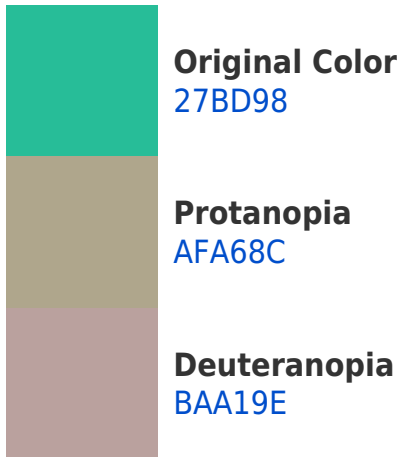


This preview shows how white text looks on a background with the Hex color 27BD98.

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
43B7C6

Trichromacy



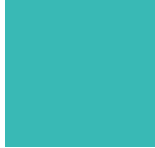
Original Color
27BD98



Protanomaly
7EAE90



Deuteranomaly
85AB9C



Tritanomaly
39B9B5

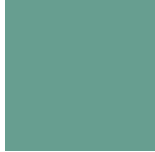
Monochromacy



Original Color
27BD98



Achromatopsia
8C8C8C



Achromatomaly
679E90

CSS Examples

Text

The CSS property to change the color of the text to Hex 27BD98 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 #27BD98 looks like.

```
.text, #text, p{  
    color:#27BD98  
}
```

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 #27BD98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27BD98
}
```

Border

The CSS property to change the border of an element to Hex 27BD98 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
#27BD98 }
```

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

```
.border{ border-color:#27BD98 }
```

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

Here you see how a box with a 4 pixel #27BD98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27BD98; -webkit-box-shadow:4px 4px  
4px 4px #27BD98; box-shadow:4px 4px 4px  
4px #27BD98 }
```

Background

The CSS property to change the background color of an element to Hex 27BD98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27BD98 }
```

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

```
.background{ background-color:#27BD98 }
```

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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