

Converting Colors

Hex(27B7BA)

Have a look what the booklet for
Hex(27B7BA) contains.

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Color

Hex(27B7BA)

Conversions

Conversions Part 1

Format	Color
Hex	27B7BA
RGB	39, 183, 186
RGB Percent	15%, 72%, 73%
CMY	0.8471, 0.2824, 0.2706
CMYK	0.79, 0.02, 0.00, 0.27
HSL	181°, 65%, 44%
HSV	181°, 79%, 73%
XYZ	26.6331, 37.8435, 52.3552
YIQ	140.2860, -86.7870, -29.5950

Conversions

Conversions Part 2

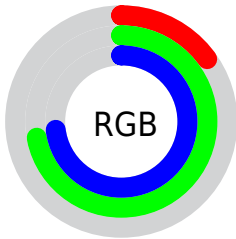
Format	Color
RYB	39, 112, 186
Decimal	2602938
CIELab	67.91, -34.47, -12.02
CIELCh	68, 36.508, 199.226
Yxy	37.8435, 0.2280, 0.3239
Android (android.graphics.Color)	4280793018 (0xFF27B7BA)
YUV	140.2860, 22.5370, -88.8278
Hunter-Lab	61.5171, -30.3753, -7.3979

Details

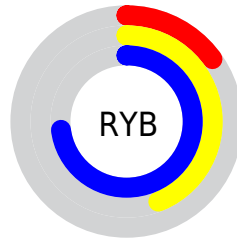
The Hex color **27B7BA** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BA2A27**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **70EFF2**, and **008185** is the 20% darker color. If you saturate the color by 10%, you get **14B7BA**, and if you desaturate by 10%, it is **3AB7BA**.

Distribution



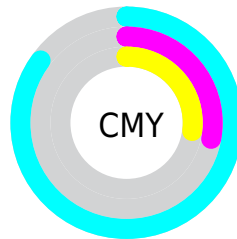
- Red (15%)
- Green (72%)
- Blue (73%)



- Red (15%)
- Yellow (44%)
- Blue (73%)



- Cyan (79%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



- Cyan (85%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27B7BA 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 27B7BA by changing the saturation by 10% instead.

 27B7BA

 27B7BA

FFFFFF

 009C9F

 70EFF2

 008185

 8FFFFFFF

 00686C

 ADFFFF

 004F54

 CCFFFF

 00373C

 EAFFFF

 002427

 000112

 000000

 27B7BA

 27B7BA

■ 14B7BA

■ 3AB7BA

■ 02B6BA

■ 4CB8BA

■ 00B6BA

■ 5FB8BA

■ 71B9BA

■ 84B9BA

■ 97B9BA

■ A9BABA

■ BCBABA

■ CEBABA

Harmonies

Analogous

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



56B698



27B7BA



28B4D6

Triad

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



27B7BA



C395D1



C69F65

Complementary

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



27B7BA



BA2A27

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.



DD9475



27B7BA



DE8DB3

Square

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



27B7BA



98A1E3



E68D91



A6AA66

Rectangle

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



27B7BA



4EAFE2



E68D91



CF9C68

Sweetspot

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



27B7BA



B8F1F2



27BA29



577A7A



FAFAFA



7A7A7A

Same Dimension

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



27B7BA



0CEE2



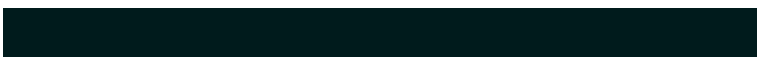
276EBA



535C5C



00989C



001B1C

Inverse Universe

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



BA27B7



F20CEE



BA7327



5C535C



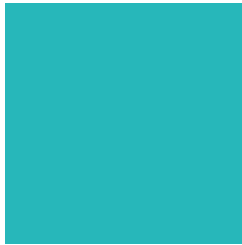
9C0098



1C001B

Previews

White Background



This preview shows how the Hex color 27B7BA looks on a white background.

Color Contrast Check

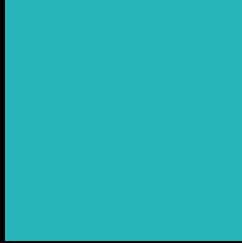
Large Text (above 18pt) WCAG AA × Fail

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 27B7BA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

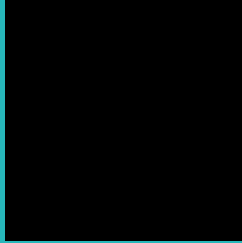
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

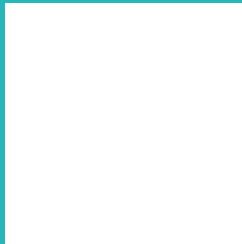
Any Text WCAG AAA ✓ Pass

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

Hex 27B7BA Background



This preview shows how black text looks on a background with the Hex color 27B7BA.

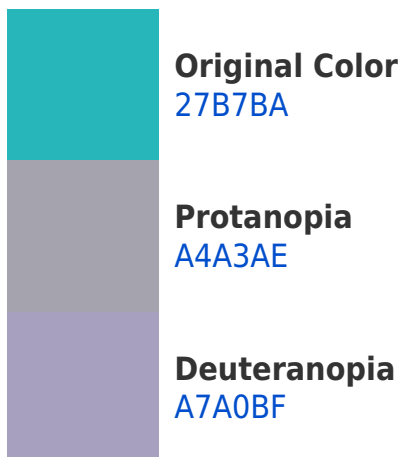


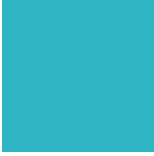
This preview shows how white text looks on a background with the Hex color 27B7BA.

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
30B5C4

Trichromacy



Original Color
27B7BA



Protanomaly
77AAB2



Deuteranomaly
78A8BD



Tritanomaly
2DB6C0

Monochromacy



Original Color
27B7BA



Achromatopsia
8C8C8C



Achromatomaly
679C9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 27B7BA 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 #27B7BA looks like.

```
.text, #text, p{  
    color:#27B7BA  
}
```

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 #27B7BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27B7BA
}
```

Border

The CSS property to change the border of an element to Hex 27B7BA 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
#27B7BA }
```

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

```
.border{ border-color:#27B7BA }
```

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

Here you see how a box with a 4 pixel #27B7BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27B7BA; -webkit-box-shadow:4px 4px  
4px 4px #27B7BA; box-shadow:4px 4px 4px  
4px #27B7BA }
```

Background

The CSS property to change the background color of an element to Hex 27B7BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27B7BA }
```

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

```
.background{ background-color:#27B7BA }
```

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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