

Converting Colors

Hex(27BCBC)

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

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Color

Hex(27BCBC)

Conversions

Conversions Part 1

Format	Color
Hex	27BCBC
RGB	39, 188, 188
RGB Percent	15%, 74%, 74%
CMY	0.8471, 0.2627, 0.2627
CMYK	0.79, 0.00, 0.00, 0.26
HSL	180°, 66%, 45%
HSV	180°, 79%, 74%
XYZ	27.8970, 40.0286, 53.8329
YIQ	143.4490, -88.8040, -31.5880

Conversions

Conversions Part 2

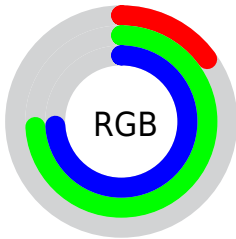
Format	Color
RYB	39, 114, 188
Decimal	2604220
CIELab	69.49, -36.21, -10.75
CIELCh	69, 37.769, 196.536
Yxy	40.0286, 0.2291, 0.3288
Android (android.graphics.Color)	4280794300 (0xFF27BCBC)
YUV	143.4490, 21.9636, -91.6018
Hunter-Lab	63.2682, -32.0128, -6.1603

Details

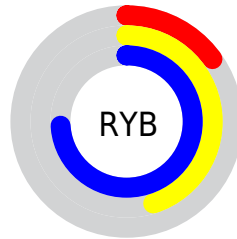
The Hex color **27BCBC** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BC2727**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **71F5F4**, and **008687** is the 20% darker color. If you saturate the color by 10%, you get **14BCBC**, and if you desaturate by 10%, it is **3ABCBC**.

Distribution



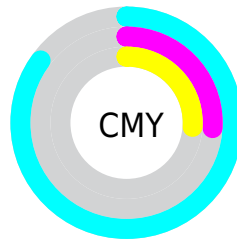
- Red (15%)
- Green (74%)
- Blue (74%)



- Red (15%)
- Yellow (45%)
- Blue (74%)



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



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

Brightness & Saturation Gradients

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

 27BCBC

 27BCBC

FFFFFF

 00A1A1

 71F5F4

 008687

 90FFFF

 006C6E

 AFFFFFF

 005355

 CDFFFF

 003B3E

 ECFFFF

 002628

 000115

 000000

 27BCBC

 27BCBC

■ 14BCBC

■ 3ABCBC

■ 01BCBC

■ 4DBCBC

■ 00BCBC

■ 5FBCBC

■ 72BCBC

■ 85BCBC

■ 98BCBC

■ ABBCBC

■ BDBCBC

■ D0BCBC

Harmonies

Analogous

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



5BBB99



27BCBC



1DB9DA

Triad

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



27BCBC



C59AD9



CEA267

Complementary

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



27BCBC



BC2727

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.



E59779



27BCBC



E391BB

Square

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



27BCBC



97A7EB



ED9098



ADAE67

Rectangle

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



27BCBC



47B5E8



ED9098



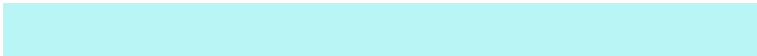
D79E6B

Sweetspot

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



27BCBC



BAF5F5



27BC27



577A7A



FAFAFA



7A7A7A

Same Dimension

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



27BCBC



0CF5F5



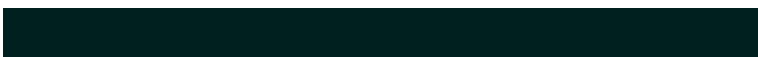
2772BC



555E5E



009E9E



001F1F

Inverse Universe

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



BC27BC



F50CF5



BC7227



5E555E



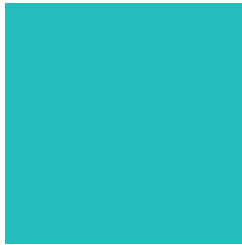
9E009E



1F001F

Previews

White Background



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

Color Contrast Check

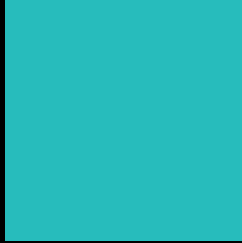
Large Text (above 18pt) WCAG AA × Fail

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 27BCBC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

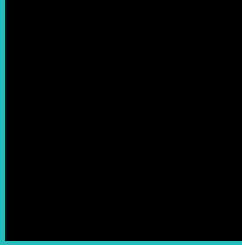
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

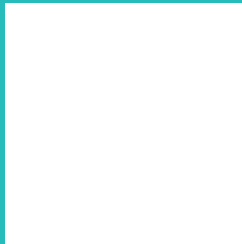
Any Text WCAG AAA ✓ Pass

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

Hex 27BCBC Background



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

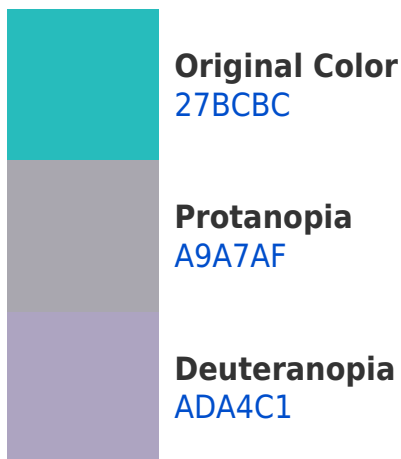


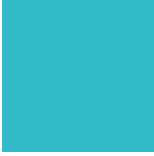
This preview shows how white text looks on a background with the Hex color 27BCBC.

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
32BAC9

Trichromacy



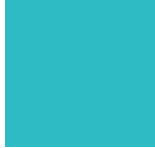
Original Color
27BCBC



Protanomaly
7AAF84



Deuteranomaly
7C8BF8



Tritanomaly
2E8BC4

Monochromacy



Original Color
27BCBC



Achromatopsia
8F8F8F



Achromatomaly
699F9F

CSS Examples

Text

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

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

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 #27BCBC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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