

Converting Colors

Hex(00B27C)

Have a look what the booklet for
Hex(00B27C) contains.

Hex(00B27C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00B27C)

Conversions

Conversions Part 1

Format	Color
Hex	00B27C
RGB	0, 178, 124
RGB Percent	0%, 70%, 49%
CMY	1.0000, 0.3020, 0.5137
CMYK	1.00, 0.00, 0.30, 0.30
HSL	162°, 100%, 35%
HSV	162°, 100%, 70%
XYZ	19.5585, 33.2960, 24.4647
YIQ	118.6220, -88.7540, -54.5300

Conversions

Conversions Part 2

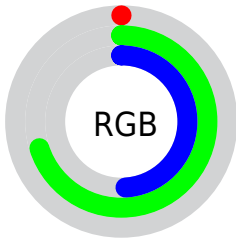
Format	Color
RYB	0, 105, 178
Decimal	45692
CIELab	64.40, -51.36, 17.03
CIELCh	64, 54.111, 161.653
Yxy	33.2960, 0.2530, 0.4306
Android (android.graphics.Color)	4278235772 (0xFF00B27C)
YUV	118.6220, 2.6514, -104.0315
Hunter-Lab	57.7027, -40.4767, 15.2542

Details

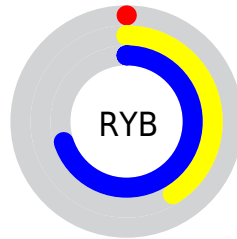
The Hex color **00B27C** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B20036**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **5EEBB1**, and **007C4B** is the 20% darker color. If you saturate the color by 10%, you get **00B27C**, and if you desaturate by 10%, it is **12B281**.

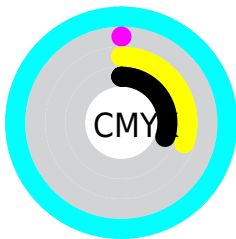
Distribution



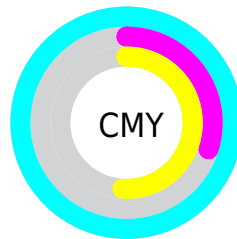
- Red (0%)
- Green (70%)
- Blue (49%)



- Red (0%)
- Yellow (41%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B27C 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 00B27C by changing the saturation by 10% instead.

 00B27C

 00B27C

FFFFFF

 009763

 5EEBB1

 007C4B

 7DFFCC

 006234

 9CFFE8

 00491E

 BAEFFF

 003207

 D8FFFF

 001800

 F6FFFF

 000000

 00B27C

 12B281

 24B287

 35B28C

 47B292

 59B297

 6BB29C

 7DB2A2

 8EB2A7

 A0B2AD

Harmonies

Analogous

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



70AB50



00B27C



00B4AE

Triad

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



00B27C



679BFB



EC7D5E

Complementary

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



00B27C



B20036

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.



F6718B



00B27C



B888E5

Square

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



00B27C



00AAF7



E576BC



D08F3E

Rectangle

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



00B27C



00B3CD



E576BC



F2786C

Sweetspot

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



00B27C



A2E8D3



38B200



4B7568



F5F5F5



757575

Same Dimension

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



00B27C



00E8A2



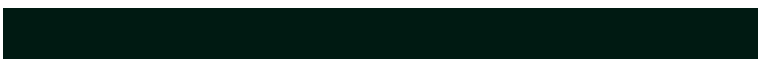
0091B2



505957



00996B



001A12

Inverse Universe

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



B20036



E80046



B22100



595053



99002E



1A0008

Previews

White Background



This preview shows how the Hex color 00B27C 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 00B27C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

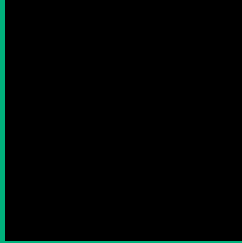
Any Text WCAG AA ✓ Pass

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 00B27C Background



This preview shows how black text looks on a background with the Hex color 00B27C.



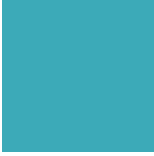
This preview shows how white text looks on a background with the Hex color 00B27C.

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





Trichromacy



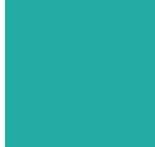
Original Color
00B27C



Protanomaly
6AA376



Deuteranomaly
72A080



Tritanomaly
26ADA2

Monochromacy



Original Color
00B27C



Achromatopsia
777777



Achromatomaly
4C8C79

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B27C 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 #00B27C looks like.

```
.text, #text, p{  
    color:#00B27C  
}
```

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 #00B27C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B27C
}
```

Border

The CSS property to change the border of an element to Hex 00B27C 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
#00B27C }
```

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

```
.border{ border-color:#00B27C }
```

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

Here you see how a box with a 4 pixel #00B27C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B27C; -webkit-box-shadow:4px 4px  
4px 4px #00B27C; box-shadow:4px 4px 4px  
4px #00B27C }
```

Background

The CSS property to change the background color of an element to Hex 00B27C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B27C }
```

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

```
.background{ background-color:#00B27C }
```

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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