

Converting Colors

Hex(17B27E)

Have a look what the booklet for
Hex(17B27E) contains.

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Color

Hex(17B27E)

Conversions

Conversions Part 1

Format	Color
Hex	17B27E
RGB	23, 178, 126
RGB Percent	9%, 70%, 49%
CMY	0.9098, 0.3020, 0.5059
CMYK	0.87, 0.00, 0.29, 0.30
HSL	160°, 77%, 39%
HSV	160°, 87%, 70%
XYZ	20.0396, 33.5293, 25.1543
YIQ	125.7270, -75.6880, -49.0320

Conversions

Conversions Part 2

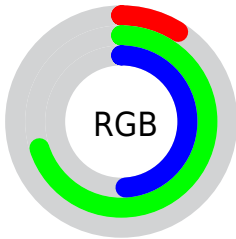
Format	Color
RYB	23, 116, 178
Decimal	1553022
CIELab	64.59, -49.77, 16.22
CIELCh	65, 52.345, 161.944
Yxy	33.5293, 0.2546, 0.4259
Android (android.graphics.Color)	4279743102 (0xFF17B27E)
YUV	125.7270, 0.1346, -90.0916
Hunter-Lab	57.9045, -39.5574, 14.7770

Details

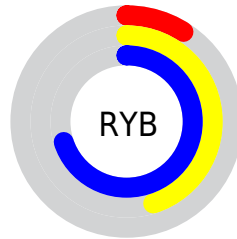
The Hex color **17B27E** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B2174B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **64EBB3**, and **007C4D** is the 20% darker color. If you saturate the color by 10%, you get **05B278**, and if you desaturate by 10%, it is **29B284**.

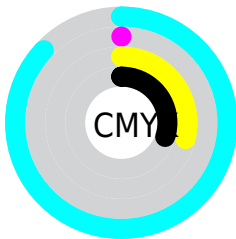
Distribution



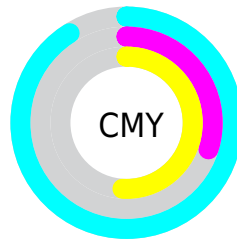
- Red (9%)
- Green (70%)
- Blue (49%)



- Red (9%)
- Yellow (45%)
- Blue (70%)



- Cyan (87%)
- Magenta (0%)
- Yellow (29%)
- Black (30%)



- Cyan (91%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17B27E 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 17B27E by changing the saturation by 10% instead.

 17B27E

 17B27E


FFFFFF

 009765

 64EBB3

 007C4D

 82FFCE

 006236

 A0FFEB

 004920


 BEFFFF

 00320A

 DCFFFF

 001900

 FBFFFF

 000000

 17B27E

 17B27E

 05B278

 29B284

■ 00B276

■ 3BB28A

■ 4CB290

■ 5EB296

■ 70B29C

■ 82B2A2

■ 94B2A8

■ A5B2AE

■ B7B2B4

Harmonies

Analogous

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



72AC54



17B27E



00B4AE

Triad

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



17B27E



6C9BF8



EB7F60

Complementary

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



17B27E



B2174B

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.



F4748C



17B27E



B889E3

Square

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



17B27E



00AAF5



E478BB



CF9042

Rectangle

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



17B27E



00B3CD



E478BB



F07A6E

Sweetspot

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



17B27E



ACE8D4



4DB217



517569



F5F5F5



757575

Same Dimension

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



17B27E



00E89A



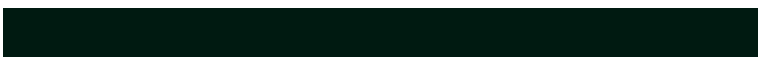
179BB2



505956



009966



001A11

Inverse Universe

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



B2174B



E8004E



B22E17



595053



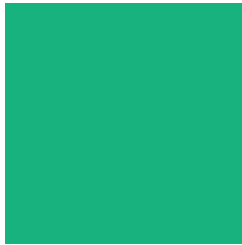
990033



1A0009

Previews

White Background



This preview shows how the Hex color 17B27E looks on a white background.

Color Contrast Check

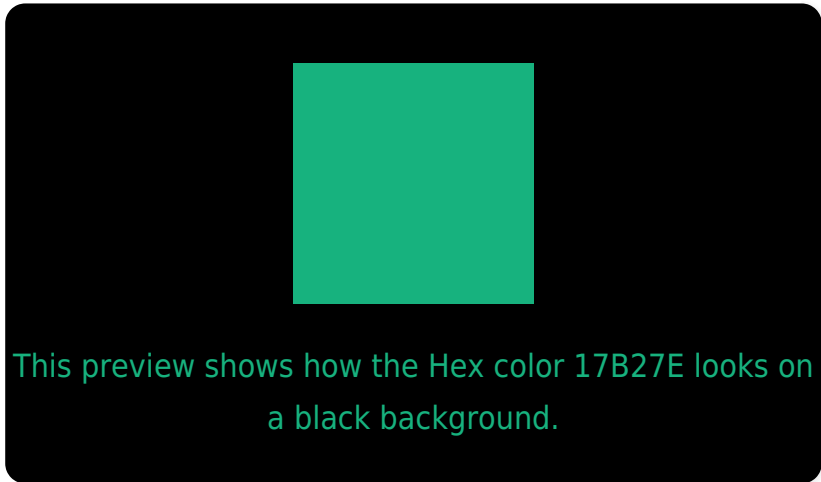
Large Text (above 18pt) WCAG AA × Fail

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 17B27E Background



This preview shows how black text looks on a background with the Hex color 17B27E.

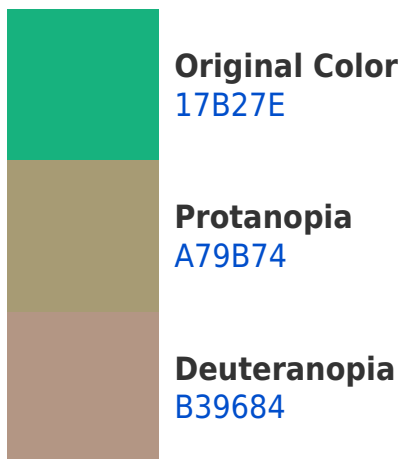


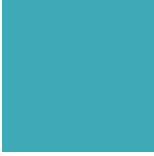
This preview shows how white text looks on a background with the Hex color 17B27E.

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
3FABB8

Trichromacy



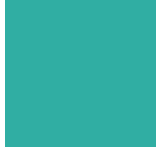
Original Color
17B27E



Protanomaly
73A378



Deuteranomaly
7AA082



Tritanomaly
30AEA3

Monochromacy



Original Color
17B27E



Achromatopsia
7E7E7E



Achromatomaly
59917E

CSS Examples

Text

The CSS property to change the color of the text to Hex 17B27E 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 #17B27E looks like.

```
.text, #text, p{  
    color:#17B27E  
}
```

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 #17B27E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17B27E
}
```

Border

The CSS property to change the border of an element to Hex 17B27E 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
#17B27E }
```

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

```
.border{ border-color:#17B27E }
```

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

Here you see how a box with a 4 pixel #17B27E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17B27E; -webkit-box-shadow:4px 4px  
4px 4px #17B27E; box-shadow:4px 4px 4px  
4px #17B27E }
```

Background

The CSS property to change the background color of an element to Hex 17B27E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17B27E }
```

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

```
.background{ background-color:#17B27E }
```

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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