

Converting Colors

Hex(17C7A0)

Have a look what the booklet for
Hex(17C7A0) contains.

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Color

Hex(17C7A0)

Conversions

Conversions Part 1

Format	Color
Hex	17C7A0
RGB	23, 199, 160
RGB Percent	9%, 78%, 63%
CMY	0.9098, 0.2196, 0.3725
CMYK	0.88, 0.00, 0.20, 0.22
HSL	167°, 79%, 44%
HSV	167°, 88%, 78%
XYZ	27.1219, 43.5671, 40.2375
YIQ	141.9300, -92.3770, -49.4410

Conversions

Conversions Part 2

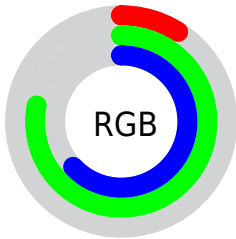
Format	Color
RYB	23, 122, 199
Decimal	1558432
CIELab	71.94, -49.87, 8.09
CIElCh	72, 50.519, 170.779
Yxy	43.5671, 0.2445, 0.3928
Android (android.graphics.Color)	4279748512 (0xFF17C7A0)
YUV	141.9300, 8.9085, -104.3016
Hunter-Lab	66.0054, -42.1628, 10.0600

Details

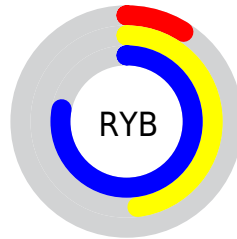
The Hex color **17C7A0** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C7173E**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6AFFD7**, and **00906D** is the 20% darker color. If you saturate the color by 10%, you get **03C79C**, and if you desaturate by 10%, it is **2BC7A4**.

Distribution



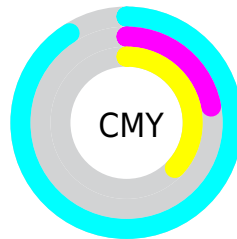
- Red (9%)
- Green (78%)
- Blue (63%)



- Red (9%)
- Yellow (48%)
- Blue (78%)



- Cyan (88%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)



- Cyan (91%)
- Magenta (22%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17C7A0 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 17C7A0 by changing the saturation by 10% instead.

 17C7A0

 17C7A0

FFFFFF

 00AB86

 6AFFD7

 00906D

 8AFFF3

 007554

 A9FFFF

 005C3D

 C8FFFF

 004327

 E6FFFF

 002D13

 000D00

 000000

 17C7A0

 17C7A0

 03C79C

 2BC7A4

 00C79B

 3FC7A9

 53C7AD

 67C7B2

 7BC7B6

 8EC7BA

 A2C7BF

 B6C7C3

 CAC7C8

Harmonies

Analogous

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



76C274



17C7A0



00C8D0

Triad

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



17C7A0



9DAAFF



F9986A

Complementary

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



17C7A0



C7173E

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.



FF8B92



17C7A0



DC98EB

Square

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



17C7A0



33B9FF



FF8BC1



D8A953

Rectangle

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



17C7A0



00C5EB



FF8BC1



FF9376

Sweetspot

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



17C7A0



BAFFF0



40C717



578076



000000



808080

Same Dimension

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



17C7A0



00FFC6



1798C7



5A6361



00A37F



00241C

Inverse Universe

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



C7173E



FF0039



C74617



635A5C



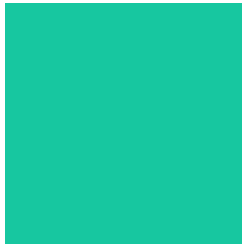
A30024



240008

Previews

White Background



This preview shows how the Hex color 17C7A0 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 17C7A0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

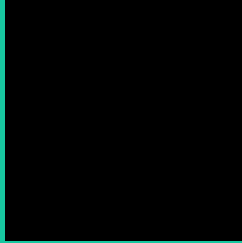
Any Text WCAG AA ✓ Pass

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 17C7A0 Background



This preview shows how black text looks on a background with the Hex color 17C7A0.

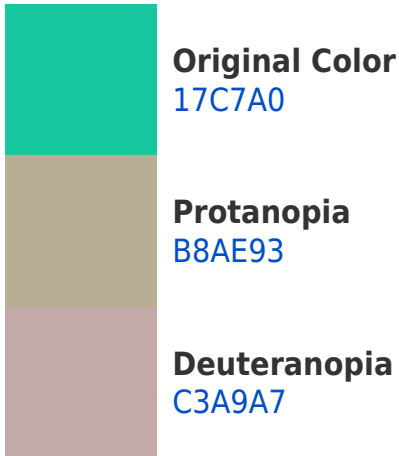


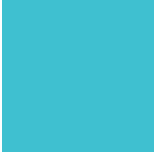
This preview shows how white text looks on a background with the Hex color 17C7A0.

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
3FC0D0

Trichromacy



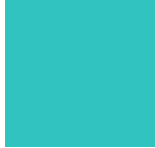
Original Color
17C7A0



Protanomaly
7DB798



Deuteranomaly
84B4A4



Tritanomaly
30C3BF

Monochromacy



Original Color
17C7A0



Achromatopsia
8E8E8E



Achromatomaly
63A395

CSS Examples

Text

The CSS property to change the color of the text to Hex 17C7A0 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 #17C7A0 looks like.

```
.text, #text, p{  
    color:#17C7A0  
}
```

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 #17C7A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17C7A0
}
```

Border

The CSS property to change the border of an element to Hex 17C7A0 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
#17C7A0 }
```

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

```
.border{ border-color:#17C7A0 }
```

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

Here you see how a box with a 4 pixel #17C7A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17C7A0; -webkit-box-shadow:4px 4px  
4px 4px #17C7A0; box-shadow:4px 4px 4px  
4px #17C7A0 }
```

Background

The CSS property to change the background color of an element to Hex 17C7A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17C7A0 }
```

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

```
.background{ background-color:#17C7A0 }
```

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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