

Converting Colors

Hex(17B2A2)

Have a look what the booklet for
Hex(17B2A2) contains.

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Color

Hex(17B2A2)

Conversions

Conversions Part 1

Format	Color
Hex	17B2A2
RGB	23, 178, 162
RGB Percent	9%, 70%, 64%
CMY	0.9098, 0.3020, 0.3647
CMYK	0.87, 0.00, 0.09, 0.30
HSL	174°, 77%, 39%
HSV	174°, 87%, 70%
XYZ	22.7953, 34.6316, 39.6655
YIQ	129.8310, -87.2440, -37.8360

Conversions

Conversions Part 2

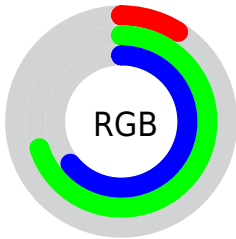
Format	Color
R _Y B	23, 105, 178
Decimal	1553058
CIE Lab	65.46, -40.47, -2.39
CIE LCh	65, 40.544, 183.379
Yxy	34.6316, 0.2348, 0.3567
Android (android.graphics.Color)	4279743138 (0xFF17B2A2)
YUV	129.8310, 15.8593, -93.6908
Hunter-Lab	58.8486, -33.8421, 1.2310

Details

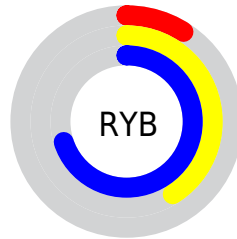
The Hex color **17B2A2** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **B21727**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **66EAD9**, and **007C6F** is the 20% darker color. If you saturate the color by 10%, you get **05B2A0**, and if you desaturate by 10%, it is **29B2A4**.

Distribution



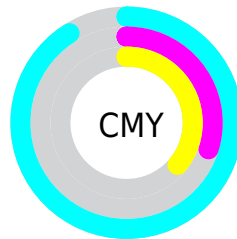
- Red (9%)
- Green (70%)
- Blue (64%)



- Red (9%)
- Yellow (41%)
- Blue (70%)



- Cyan (87%)
- Magenta (0%)
- Yellow (9%)
- Black (30%)



- Cyan (91%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17B2A2 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 17B2A2 by changing the saturation by 10% instead.

 17B2A2

 17B2A2

FFFFFF

 009788

 66EAD9

 007C6F

 85FFF5

 006356

 A3FFFF

 004A3F

 C2FFFF

 003229

 E0FFFF

 001C15

FEFFFF

 000000

 17B2A2

 17B2A2

 05B2A0

 29B2A4

00B2A0

3BB2A6

4CB2A8

5EB2A9

70B2AB

82B2AD

94B2AF

A5B2B1

B7B2B3

Harmonies

Analogous

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



5EAF7D



17B2A2



00B1C6

Triad

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



17B2A2



A894DC



D0915F

Complementary

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



17B2A2



B21727

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.



E28679



17B2A2



D087C0

Square

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



17B2A2



6DA1E7



E3829C



B29E55

Rectangle

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



17B2A2



00AED8



E3829C



D88D66

Sweetspot

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



17B2A2



ACE8E2



29B217



517572



F5F5F5



757575

Same Dimension

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



17B2A2



00E8D0



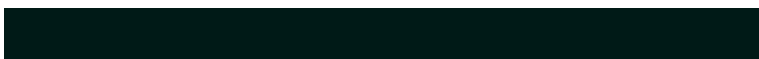
1777B2



505958



009989



001A17

Inverse Universe

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



B21727



E80018



B25217



595051



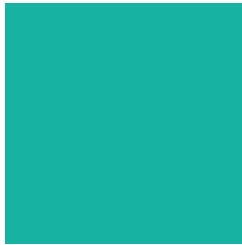
990010



1A0003

Previews

White Background



This preview shows how the Hex color 17B2A2 looks on a white background.

Color Contrast Check

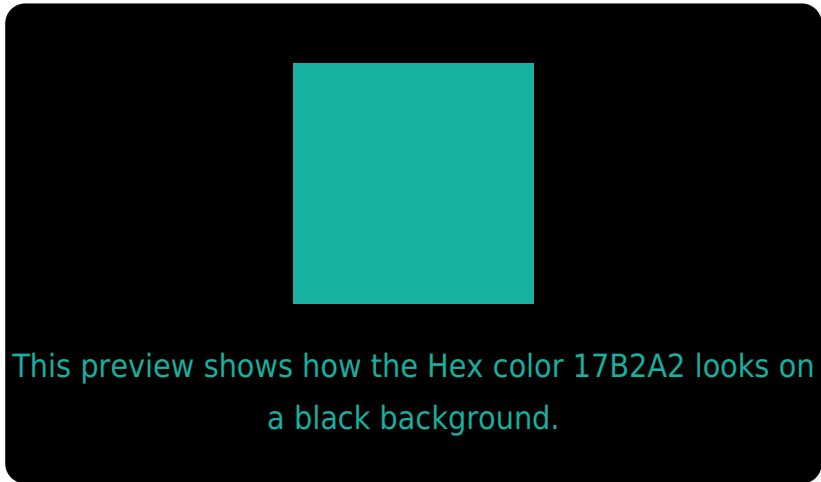
Large Text (above 18pt) WCAG AA × Fail

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

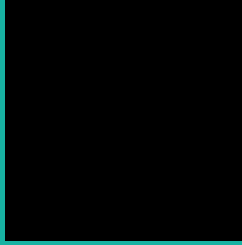
Any Text WCAG AA ✓ Pass

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 17B2A2 Background



This preview shows how black text looks on a background with the Hex color 17B2A2.

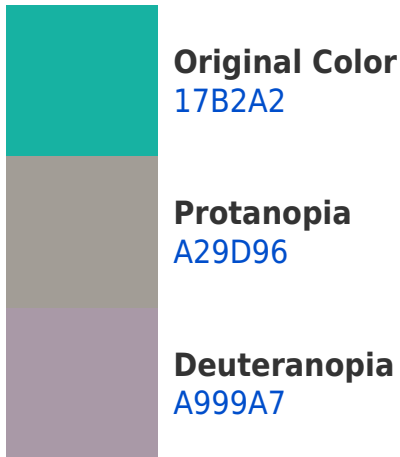


This preview shows how white text looks on a background with the Hex color 17B2A2.

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
31AEB3

Trichromacy



Original Color
17B2A2



Protanomaly
6FA59A



Deuteranomaly
74A2A5



Tritanomaly
28AFB3

Monochromacy



Original Color
17B2A2



Achromatopsia
828282



Achromatomaly
5B938E

CSS Examples

Text

The CSS property to change the color of the text to Hex 17B2A2 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 #17B2A2 looks like.

```
.text, #text, p{  
    color:#17B2A2  
}
```

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 #17B2A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17B2A2
}
```

Border

The CSS property to change the border of an element to Hex 17B2A2 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
#17B2A2 }
```

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

```
.border{ border-color:#17B2A2 }
```

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

Here you see how a box with a 4 pixel #17B2A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17B2A2; -webkit-box-shadow:4px 4px  
4px 4px #17B2A2; box-shadow:4px 4px 4px  
4px #17B2A2 }
```

Background

The CSS property to change the background color of an element to Hex 17B2A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17B2A2 }
```

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

```
.background{ background-color:#17B2A2 }
```

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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