

Converting Colors

Hex(17AA82)

Have a look what the booklet for
Hex(17AA82) contains.

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Color

Hex(17AA82)

Conversions

Conversions Part 1

Format	Color
Hex	17AA82
RGB	23, 170, 130
RGB Percent	9%, 67%, 51%
CMY	0.9098, 0.3333, 0.4902
CMYK	0.86, 0.00, 0.24, 0.33
HSL	164°, 76%, 38%
HSV	164°, 86%, 67%
XYZ	18.7573, 30.5433, 26.0259
YIQ	121.4870, -74.7720, -43.6040

Conversions

Conversions Part 2

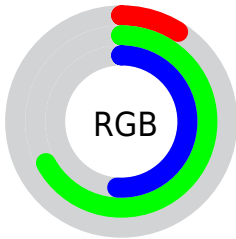
Format	Color
RYB	23, 108, 170
Decimal	1550978
CIELab	62.12, -45.62, 10.57
CIELCh	62, 46.830, 166.957
Yxy	30.5433, 0.2490, 0.4055
Android (android.graphics.Color)	4279741058 (0xFF17AA82)
YUV	121.4870, 4.1969, -86.3731
Hunter-Lab	55.2660, -36.1324, 10.7653

Details

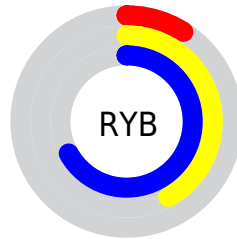
The Hex color **17AA82** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AA173F**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **62E2B7**, and **007551** is the 20% darker color. If you saturate the color by 10%, you get **06AA7D**, and if you desaturate by 10%, it is **28AA87**.

Distribution



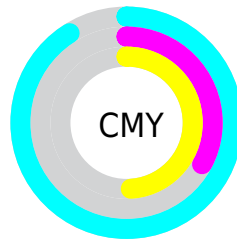
- Red (9%)
- Green (67%)
- Blue (51%)



- Red (9%)
- Yellow (42%)
- Blue (67%)



- Cyan (86%)
- Magenta (0%)
- Yellow (24%)
- Black (33%)



- Cyan (91%)
- Magenta (33%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17AA82 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 17AA82 by changing the saturation by 10% instead.

 17AA82

 17AA82

FFFFFF

 008F69

 62E2B7

 007551

 80FFD3

 005B3A

 9EFFEF

 004224

 BCFFFF

 002C0F

 DAFFFF

 000E00

 F8FFFF

 000000

 17AA82

 17AA82

 06AA7D

 28AA87

■ 00AA7C

■ 39AA8B

■ 4AAA90

■ 5BAA95

■ 6CAA99

■ 7DAA9E

■ 8EAAA2

■ 9FAAA7

■ B0AAAC

Harmonies

Analogous

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



68A55B



17AA82



00ABAD

Triad

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



17AA82



7B92E6



D97E5B

Complementary

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



17AA82



AA173F

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.



E47480



17AA82



B782CF

Square

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



17AA82



00A0E7



DA75AA



BE8D44

Rectangle

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



17AA82



00AAC7



DA75AA



DF7A66

Sweetspot

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



17AA82



A4DECE



41AA17



4D7067



F0F0F0



707070

Same Dimension

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



17AA82



00DEA1



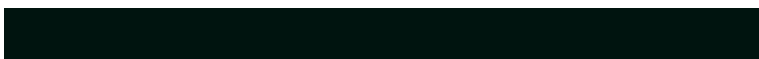
178AAA



4C5452



00946C



00140F

Inverse Universe

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



AA173F



DE003C



AA3717



544C4E



940028



140006

Previews

White Background



This preview shows how the Hex color 17AA82 looks on a white background.

Color Contrast Check

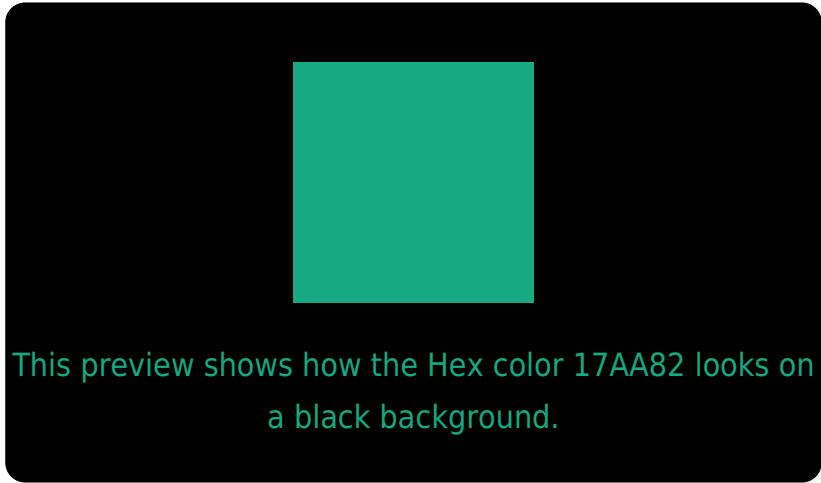
Large Text (above 18pt) WCAG AA × Fail

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

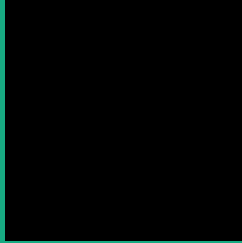
Any Text WCAG AA ✓ Pass

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 17AA82 Background



This preview shows how black text looks on a background with the Hex color 17AA82.

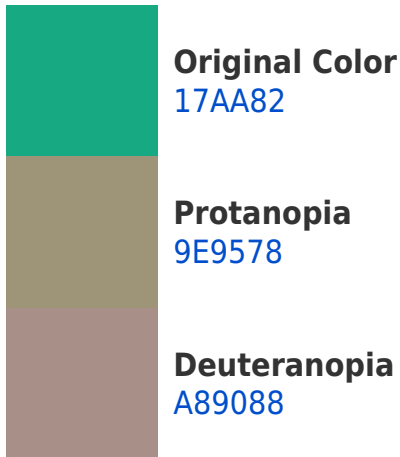


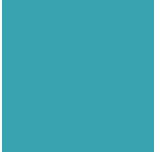
This preview shows how white text looks on a background with the Hex color 17AA82.

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
39A4B1

Trichromacy



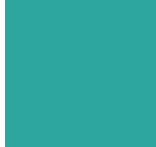
Original Color
17AA82



Protanomaly
6D9D7C



Deuteranomaly
739986



Tritanomaly
2DA6A0

Monochromacy



Original Color
17AA82



Achromatopsia
797979



Achromatomaly
558B7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 17AA82 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 #17AA82 looks like.

```
.text, #text, p{  
    color:#17AA82  
}
```

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 #17AA82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17AA82
}
```

Border

The CSS property to change the border of an element to Hex 17AA82 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
#17AA82 }
```

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

```
.border{ border-color:#17AA82 }
```

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

Here you see how a box with a 4 pixel #17AA82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17AA82; -webkit-box-shadow:4px 4px  
4px 4px #17AA82; box-shadow:4px 4px 4px  
4px #17AA82 }
```

Background

The CSS property to change the background color of an element to Hex 17AA82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17AA82 }
```

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

```
.background{ background-color:#17AA82 }
```

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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