

# Converting Colors

Hex(17928D)

Have a look what the booklet for  
Hex(17928D) contains.

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# Color

**Hex(17928D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	17928D
RGB	23, 146, 141
RGB Percent	9%, 57%, 55%
CMY	0.9098, 0.4275, 0.4471
CMYK	0.84, 0.00, 0.03, 0.43
HSL	178°, 73%, 33%
HSV	178°, 84%, 57%
XYZ	15.4400, 22.6630, 28.7599
YIQ	108.6530, -71.7030, -27.6310

# Conversions

## Conversions Part 2

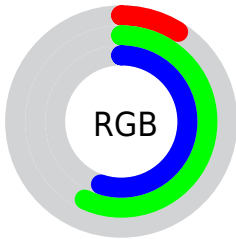
Format	Color
<b>RYB</b>	23, 86, 146
Decimal	1544845
CIELab	54.72, -32.03, -6.39
CIELCh	55, 32.656, 191.278
Yxy	22.6630, 0.2309, 0.3389
Android (android.graphics.Color)	4279734925 (0xFF17928D)
YUV	108.6530, 15.9471, -75.1177
Hunter-Lab	47.6057, -25.4170, -2.4948

# Details

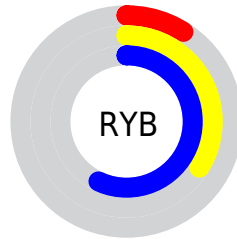
The Hex color **17928D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **92171C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5EC8C3**, and **005F5B** is the 20% darker color. If you saturate the color by 10%, you get **08928C**, and if you desaturate by 10%, it is **26928E**.

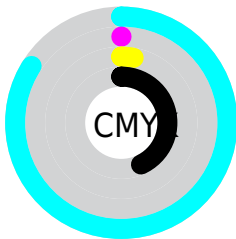
# Distribution



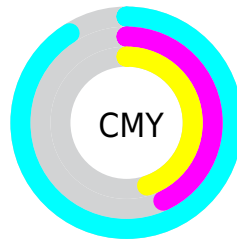
- Red (9%)
- Green (57%)
- Blue (55%)



- Red (9%)
- Yellow (34%)
- Blue (57%)



- Cyan (84%)
- Magenta (0%)
- Yellow (3%)
- Black (43%)



- Cyan (91%)
- Magenta (43%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 17928D 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 17928D by changing the saturation by 10% instead.



 17928D

 17928D

FFFFFF

 007874

 5EC8C3

 005F5B

 7CE5DE

 004644

 99FFFB

 002F2D

 B6FFFF

 001A19

 D3FFFF

 000000

 F1FFFF

 17928D

 17928D

 08928C

 26928E

■ 00928C

■ 34928E

■ 43928F

■ 51928F

■ 609290

■ 6F9291

■ 7D9291

■ 8C9292

■ 9A9292

# Harmonies

## Analogous

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



489170



17928D



0090A7

# Triad

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



17928D



9478AE



A47B4E

# Complementary

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



17928D



92171C

# 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.



B5725F



17928D



AF6F96

# Square

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



17928D



6B82BA



BA6D79



8B854B

# Rectangle

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



17928D



228DB4



BA6D79



AB7852



# Sweetspot

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



17928D



8EBDBB



1D9217



425E5D



DEDEDE



5E5E5E



# Same Dimension

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



17928D



00BDB5



175B92



434A4A



008A84



000A0A



# Inverse Universe

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



92171C



BD0008



924E17



4A4343



8A0006

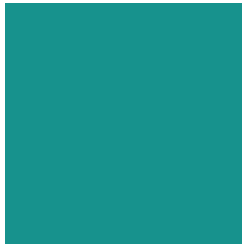


0A0000



# Previews

## White Background



This preview shows how the Hex color 17928D looks on a white background.

## Color Contrast Check

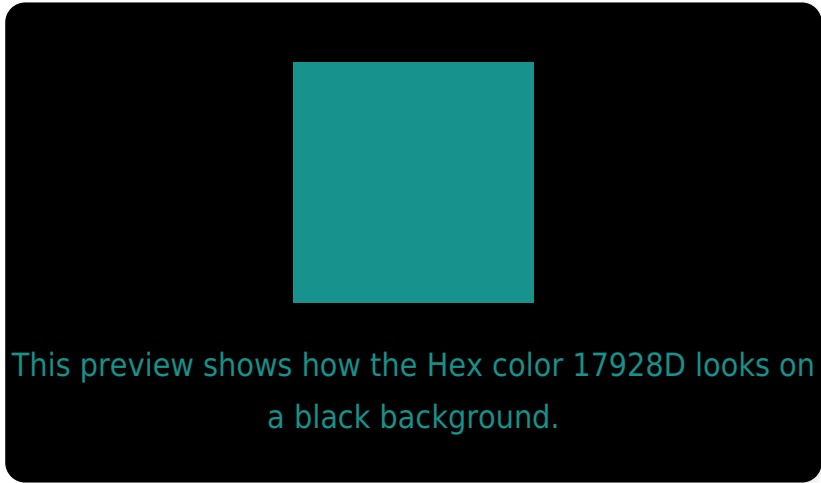
Large Text (above 18pt) WCAG AA ✓ Pass

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

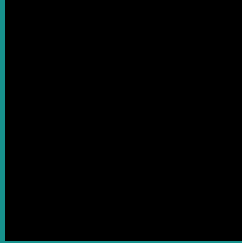
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 17928D Background



This preview shows how black text looks on a background with the Hex color 17928D.

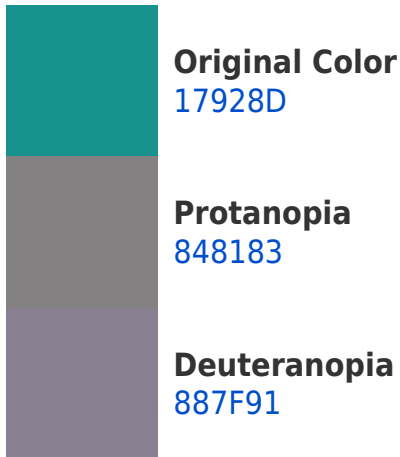


This preview shows how white text looks on a background with the Hex color 17928D.

# 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**  
25909C

# Trichromacy



**Original Color**  
17928D



**Protanomaly**  
5C8787



**Deuteranomaly**  
5F8690



**Tritanomaly**  
209197

# Monochromacy



**Original Color**  
17928D



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
4E7A79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 17928D 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 #17928D looks like.

```
.text, #text, p{  
    color:#17928D  
}
```

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 #17928D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17928D
}
```

## Border

The CSS property to change the border of an element to Hex 17928D 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
#17928D }
```

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

```
.border{ border-color:#17928D }
```

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

Here you see how a box with a 4 pixel #17928D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17928D; -webkit-box-shadow:4px 4px  
4px 4px #17928D; box-shadow:4px 4px 4px  
4px #17928D }
```

# Background

The CSS property to change the background color of an element to Hex 17928D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17928D }
```

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

```
.background{ background-color:#17928D }
```

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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