

# Converting Colors

Hex(17969F)

Have a look what the booklet for  
Hex(17969F) contains.

<b>Hex(17969F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(17969F)

# Conversions

## Conversions Part 1

Format	Color
Hex	17969F
RGB	23, 150, 159
RGB Percent	9%, 59%, 62%
CMY	0.9098, 0.4118, 0.3765
CMYK	0.86, 0.06, 0.00, 0.38
HSL	184°, 75%, 36%
HSV	184°, 86%, 62%
XYZ	17.5177, 24.4981, 36.6062
YIQ	113.0530, -78.5810, -24.1250

# Conversions

## Conversions Part 2

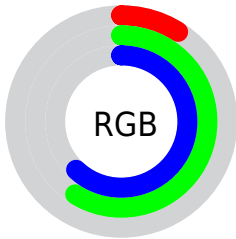
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 89, 159
Decimal	1545887
CIE <sub>Lab</sub>	56.58, -28.31, -13.93
CIE <sub>LCh</sub>	57, 31.553, 206.189
Yxy	24.4981, 0.2228, 0.3116
Android (android.graphics.Color)	4279735967 (0xFF17969F)
YUV	113.0530, 22.6519, -78.9765
Hunter-Lab	49.4955, -23.4415, -9.2032

# Details

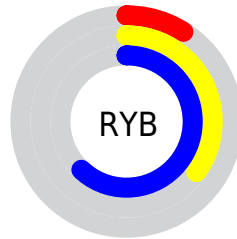
The Hex color **17969F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9F2017**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **61CDD6**, and **00636C** is the 20% darker color. If you saturate the color by 10%, you get **07959F**, and if you desaturate by 10%, it is **27979F**.

# Distribution



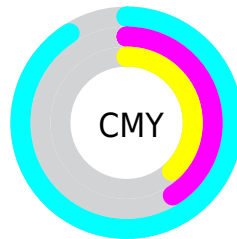
- Red (9%)
- Green (59%)
- Blue (62%)



- Red (9%)
- Yellow (35%)
- Blue (62%)



- Cyan (86%)
- Magenta (6%)
- Yellow (0%)
- Black (38%)



- Cyan (91%)
- Magenta (41%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 17969F 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 17969F by changing the saturation by 10% instead.



17969F

17969F

FFFFFF

007C85

61CDD6

00636C

7FE9F2

004A53

9DFFFF

00333C

BAFFFF

002026

D8FFFF

000112

F6FFFF

000000

17969F

17969F

07959F

27979F

00949F

37989F

47999F

579A9F

669B9F

769C9F

869D9F

969E9F

A69F9F

# Harmonies

## Analogous

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



3C9683



17969F



2992B5

# Triad

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



17969F



A778A7



9D8551

# Complementary

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



17969F



9F2017

# 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.



B27B5B



17969F



BA738C

# Square

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



17969F



8682B9



BD7471



818D55

# Rectangle

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



17969F



4A8EBD



BD7471



A58252



# Sweetspot

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



17969F



99CBCF



179F1E



486669



E8E8E8



696969



# Same Dimension

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



17969F



00C1CF



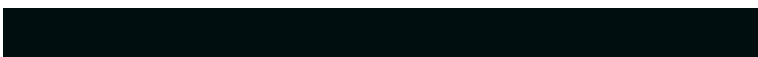
17549F



474F4F



00858F



000E0F



# Inverse Universe

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



9F1796



CF00C1



9F6217



4F474F



8F0085

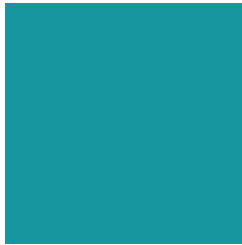


0F000E



# Previews

## White Background



This preview shows how the Hex color 17969F looks on a white background.

## Color Contrast Check

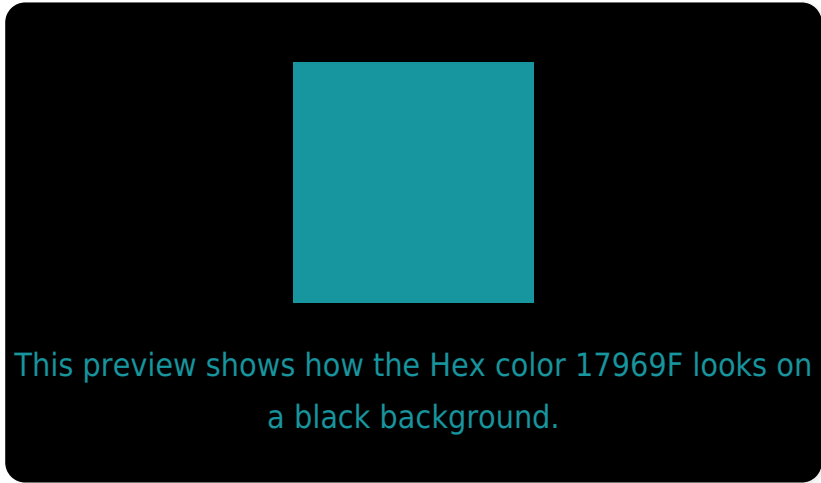
Large Text (above 18pt) WCAG AA ✓ Pass

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

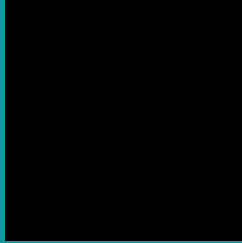
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 17969F Background



This preview shows how black text looks on a background with the Hex color 17969F.

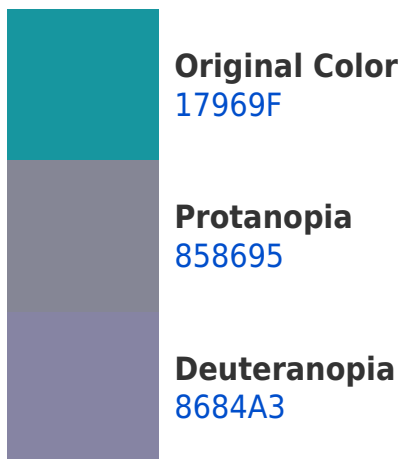


This preview shows how white text looks on a background with the Hex color 17969F.

# 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](#).

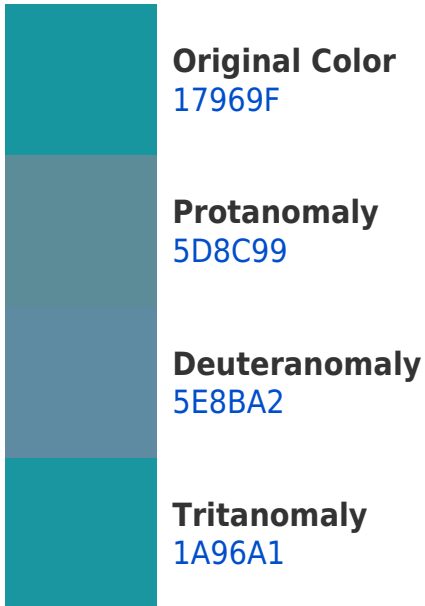
## Dichromacy





**Tritanopia**  
1B96A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 17969F 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 #17969F looks like.

```
.text, #text, p{  
    color:#17969F  
}
```

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 #17969F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17969F
}
```

## Border

The CSS property to change the border of an element to Hex 17969F 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
#17969F }
```

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

```
.border{ border-color:#17969F }
```

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

Here you see how a box with a 4 pixel #17969F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17969F; -webkit-box-shadow:4px 4px  
4px 4px #17969F; box-shadow:4px 4px 4px  
4px #17969F }
```

# Background

The CSS property to change the background color of an element to Hex 17969F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17969F }
```

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

```
.background{ background-color:#17969F }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor