

# Converting Colors

Hex(19969D)

Have a look what the booklet for  
Hex(19969D) contains.

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**Color**

**Hex(19969D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19969D
RGB	25, 150, 157
RGB Percent	10%, 59%, 62%
CMY	0.9020, 0.4118, 0.3843
CMYK	0.84, 0.04, 0.00, 0.38
HSL	183°, 73%, 36%
HSV	183°, 84%, 62%
XYZ	17.3931, 24.4537, 35.7016
YIQ	113.4230, -76.7470, -24.3230

# Conversions

## Conversions Part 2

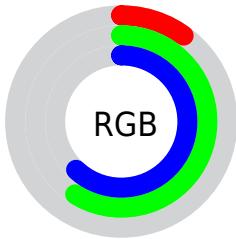
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 89, 157
Decimal	1676957
CIE <sub>Lab</sub>	56.54, -28.80, -12.85
CIE <sub>LCh</sub>	57, 31.536, 204.037
Yxy	24.4537, 0.2243, 0.3153
Android (android.graphics.Color)	4279867037 (0xFF19969D)
YUV	113.4230, 21.4835, -77.5470
Hunter-Lab	49.4507, -23.7557, -8.1898

# Details

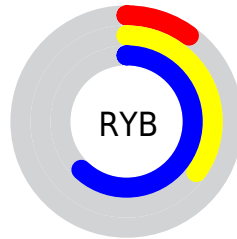
The Hex color **19969D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9D2019**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **61CDD4**, and **00636A** is the 20% darker color. If you saturate the color by 10%, you get **09959D**, and if you desaturate by 10%, it is **29979D**.

# Distribution



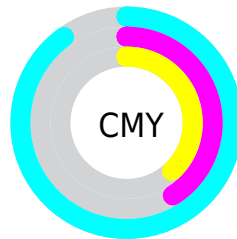
- Red (10%)
- Green (59%)
- Blue (62%)



- Red (10%)
- Yellow (35%)
- Blue (62%)



- Cyan (84%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)



- Cyan (90%)
- Magenta (41%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19969D 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 19969D by changing the saturation by 10% instead.



 19969D

 19969D

FFFFFF

 007C83

 61CDD4

 00636A

 7FE9F0

 004A52

 9DFFFF

 00333B

 BAFFFF

 002025

 D8FFFF

 000110

 F6FFFF

 000000

 19969D

 19969D

 09959D

 29979D

■ 00959D

■ 38989D

■ 48989D

■ 58999D

■ 689A9D

■ 779B9D

■ 879C9D

■ 979D9D

■ A69D9D

# Harmonies

## Analogous

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



3F9681



19969D



2693B3

# Triad

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



19969D



A579A8



9F8451

# Complementary

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



19969D



9D2019

# 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.



B37B5C



19969D



B9738E

# Square

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



19969D



8383BA



BD7473



838D55

# Rectangle

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



19969D



468FBC



BD7473



A78153



# Sweetspot

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



19969D



99C9CC



199D20



476466



E6E6E6



666666



# Same Dimension

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



19969D



00C1CC



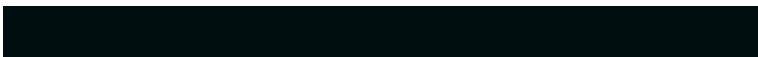
19549D



474F4F



00878F



000E0F



# Inverse Universe

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



9D1996



CC00C1



9D6219



4F474F



8F0087



0F000E



# Previews

## White Background



This preview shows how the Hex color 19969D looks on a white background.

## Color Contrast Check

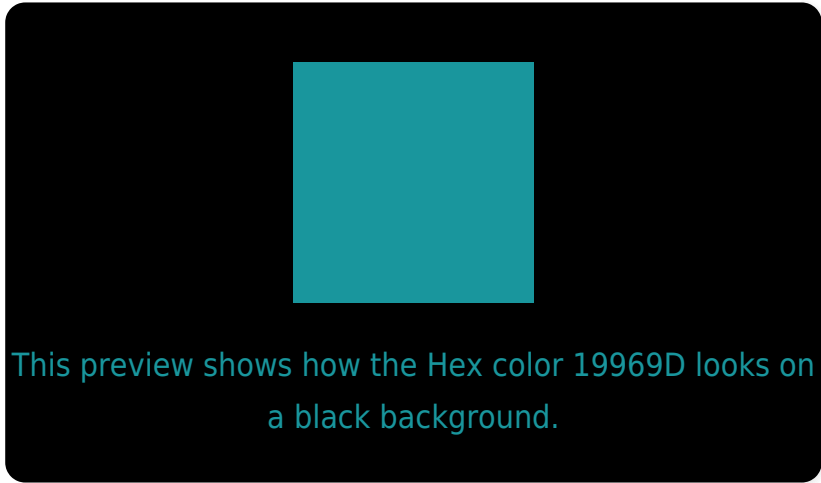
Large Text (above 18pt) WCAG AA ✓ Pass

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

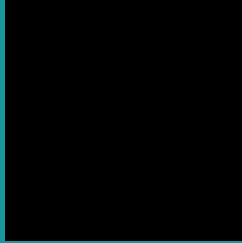
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 19969D Background



This preview shows how black text looks on a background with the Hex color 19969D.

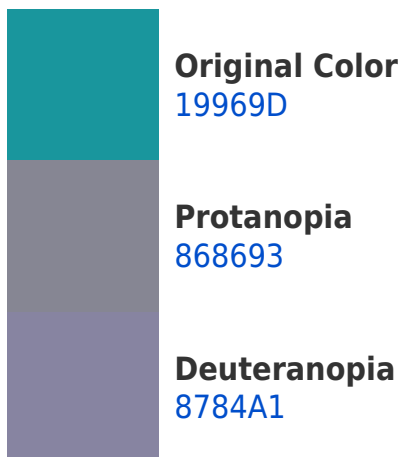


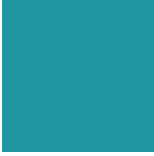
This preview shows how white text looks on a background with the Hex color 19969D.

# 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](#).

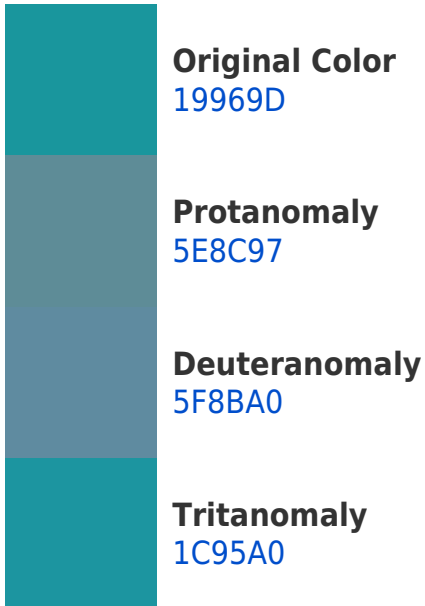
## Dichromacy





**Tritanopia**  
1E95A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19969D 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 #19969D looks like.

```
.text, #text, p{  
    color:#19969D  
}
```

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 #19969D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19969D
}
```

## Border

The CSS property to change the border of an element to Hex 19969D 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
#19969D }
```

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

```
.border{ border-color:#19969D }
```

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

Here you see how a box with a 4 pixel #19969D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19969D; -webkit-box-shadow:4px 4px  
4px 4px #19969D; box-shadow:4px 4px 4px  
4px #19969D }
```

# Background

The CSS property to change the background color of an element to Hex 19969D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19969D }
```

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

```
.background{ background-color:#19969D }
```

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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