

# Converting Colors

Hex(19986E)

Have a look what the booklet for  
Hex(19986E) contains.

|                                                |    |
|------------------------------------------------|----|
| <b>Hex(19986E)</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(19986E)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 19986E                       |
| RGB         | 25, 152, 110                 |
| RGB Percent | 10%, 60%, 43%                |
| CMY         | 0.9020, 0.4039, 0.5686       |
| CMYK        | 0.84, 0.00, 0.28, 0.40       |
| HSL         | 160°, 72%, 35%               |
| HSV         | 160°, 84%, 60%               |
| XYZ         | 14.4436, 23.7889, 18.5823    |
| YIQ         | 109.2390, -62.2100, -39.9860 |

# Conversions

## Conversions Part 2

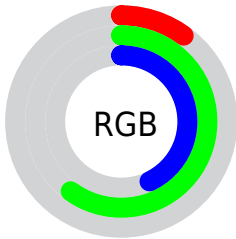
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 25, 101, 152                  |
| Decimal                             | 1677422                       |
| CIE <sub>Lab</sub>                  | 55.88, -42.99, 12.99          |
| CIE <sub>LCh</sub>                  | 56, 44.910, 163.191           |
| Yxy                                 | 23.7889, 0.2542,<br>0.4187    |
| Android<br>(android.graphics.Color) | 4279867502<br>(0xFF19986E)    |
| YUV                                 | 109.2390, 0.3752,<br>-73.8776 |
| Hunter-Lab                          | 48.7739, -32.4944,<br>11.5529 |

# Details

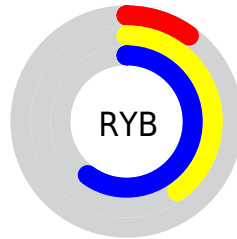
The Hex color **19986E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **981943**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5ECFA2**, and **00643E** is the 20% darker color. If you saturate the color by 10%, you get **0A9869**, and if you desaturate by 10%, it is **289873**.

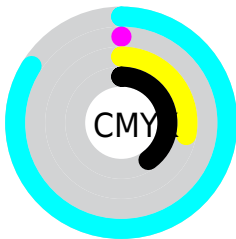
# Distribution



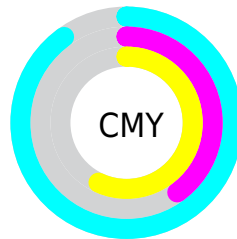
- Red (10%)
- Green (60%)
- Blue (43%)



- Red (10%)
- Yellow (40%)
- Blue (60%)



- Cyan (84%)
- Magenta (0%)
- Yellow (28%)
- Black (40%)



- Cyan (90%)
- Magenta (40%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19986E 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 19986E by changing the saturation by 10% instead.



 19986E

 19986E

FFFFFF

 007D56

 5ECFA2

 00643E

 7BECBD

 004B28

 98FFD9

 003313

 B5FFF5

 001D00

 D2FFFF

 000000

 F0FFFF

 19986E

 19986E

 0A9869

 289873

■ 009866

■ 379878

■ 47987D

■ 569882

■ 659887

■ 74988C

■ 839891

■ 939896

■ A2989B

# Harmonies

## Analogous

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



61934B



19986E



009A96

# Triad

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



19986E



6284D2



C76E52

# Complementary

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



19986E



981943

# 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.



CF6576



19986E



9F75BF

# Square

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



19986E



0090D0



C2689D



AF7C3A

# Rectangle

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



19986E



0098AF



C2689D



CC6A5D



# Sweetspot

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



19986E



93C4B4



439819



46635A



E3E3E3



636363



# Same Dimension

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



19986E



00C483



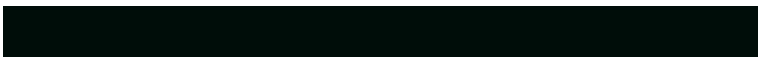
198398



454D4A



008C5E



000D09



# Inverse Universe

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



981943



C40041



982E19



4D4547



8C002E



0D0004



# Previews

## White Background



This preview shows how the Hex color 19986E looks on a white background.

## Color Contrast Check

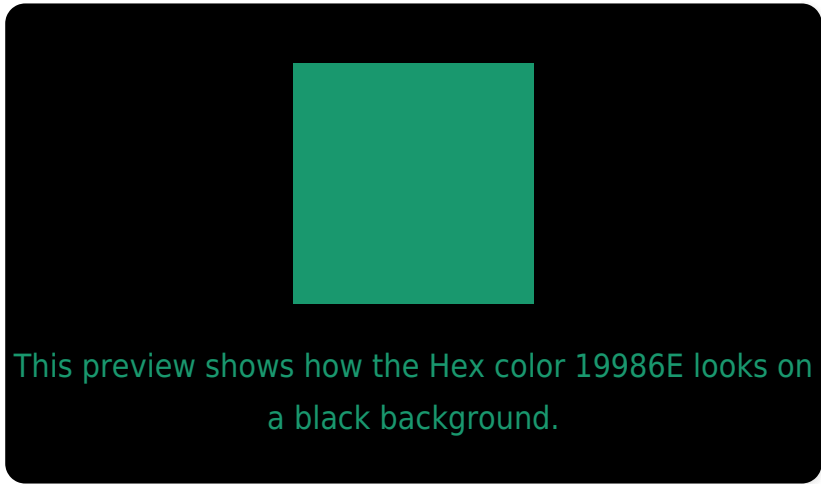
Large Text (above 18pt) WCAG AA ✓ Pass

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

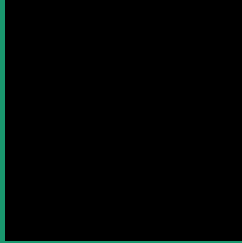
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 19986E Background



This preview shows how black text looks on a background with the Hex color 19986E.

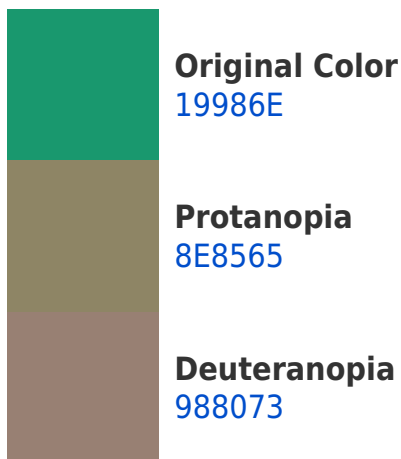


This preview shows how white text looks on a background with the Hex color 19986E.

# 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



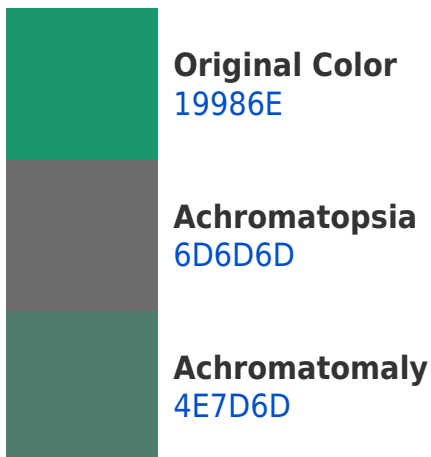


**Tritanopia**  
37929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19986E 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 #19986E looks like.

```
.text, #text, p{  
    color:#19986E  
}
```

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 #19986E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19986E
}
```

## Border

The CSS property to change the border of an element to Hex 19986E 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
#19986E }
```

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

```
.border{ border-color:#19986E }
```

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

Here you see how a box with a 4 pixel #19986E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19986E; -webkit-box-shadow:4px 4px  
4px 4px #19986E; box-shadow:4px 4px 4px  
4px #19986E }
```

# Background

The CSS property to change the background color of an element to Hex 19986E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19986E }
```

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

```
.background{ background-color:#19986E }
```

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