

# Converting Colors

Hex(19804E)

Have a look what the booklet for  
Hex(19804E) contains.

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# Color

**Hex(19804E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	19804E
RGB	25, 128, 78
RGB Percent	10%, 50%, 31%
CMY	0.9020, 0.4980, 0.6941
CMYK	0.80, 0.00, 0.39, 0.50
HSL	151°, 67%, 30%
HSV	151°, 80%, 50%
XYZ	9.4952, 16.1951, 9.8332
YIQ	91.5030, -45.3380, -37.3860

# Conversions

## Conversions Part 2

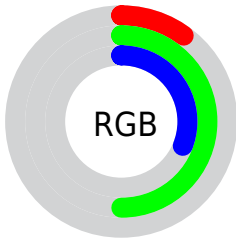
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 93, 128
Decimal	1671246
CIELab	47.23, -40.54, 19.29
CIELCh	47, 44.892, 154.558
Yxy	16.1951, 0.2673, 0.4559
Android (android.graphics.Color)	4279861326 (0xFF19804E)
YUV	91.5030, -6.6570, -58.3231
Hunter-Lab	40.2431, -28.3090, 13.6829

# Details

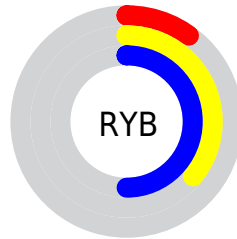
The Hex color **19804E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **80194B**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **57B67F**, and **004E21** is the 20% darker color. If you saturate the color by 10%, you get **0C8048**, and if you desaturate by 10%, it is **268054**.

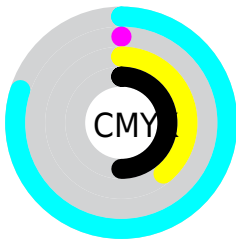
# Distribution



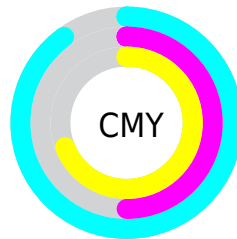
- Red (10%)
- Green (50%)
- Blue (31%)



- Red (10%)
- Yellow (36%)
- Blue (50%)



- Cyan (80%)
- Magenta (0%)
- Yellow (39%)
- Black (50%)



- Cyan (90%)
- Magenta (50%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19804E 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 19804E by changing the saturation by 10% instead.



 19804E

 19804E

FFFFFF

 006637

 57B67F

 004E21

 73D29A

 00360B

 8FEEB4

 002100

 ABFFD0

 000000

 C8FFEC

 E5FFFF

 19804E

 19804E

 0C8048

 268054

■ 008042

■ 33805A

■ 3F8061

■ 4C8067

■ 59806D

■ 668073

■ 738079

■ 7F8080

■ 8C8086

# Harmonies

## Analogous

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



587A2E



19804E



008275

# Triad

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



19804E



2A72BB



B15447

# Complementary

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



19804E



80194B

# 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.



B44D6C



19804E



7964AE

# Square

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



19804E



007CB4



A35491



9E622B

# Rectangle

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



19804E



00828E



A35491



B55053



# Sweetspot

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



19804E



7EA692



4D8019



3C5448



D4D4D4



545454



# Same Dimension

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



19804E



05A658



198080



39403D



008042



000000



# Inverse Universe

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



80194B



A60553



801919



40393C



80003E



000000



# Previews

## White Background



This preview shows how the Hex color 19804E looks on a white background.

## Color Contrast Check

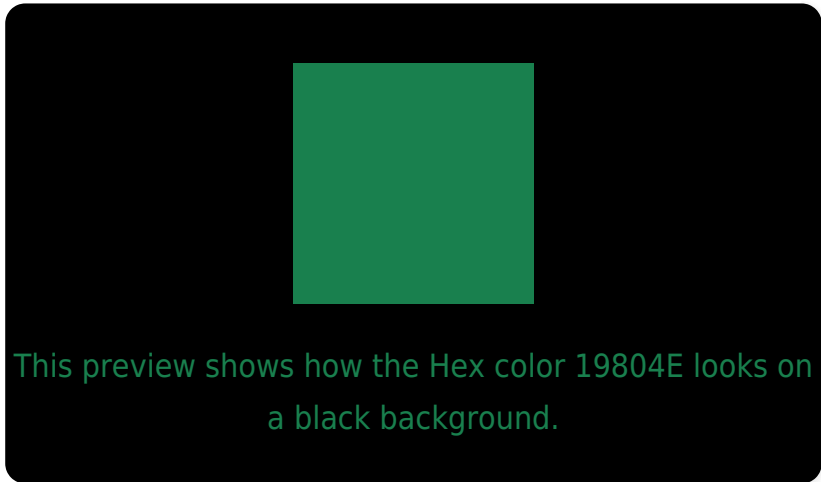
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

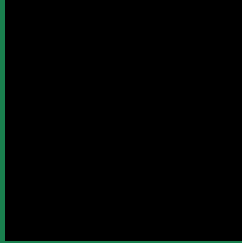
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 19804E Background



This preview shows how black text looks on a background with the Hex color 19804E.



This preview shows how white text looks on a background with the Hex color 19804E.

# 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



**Original Color**  
19804E

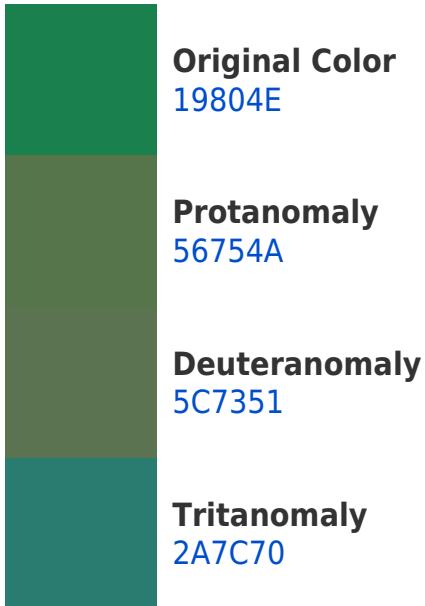
**Protanopia**  
796F47

**Deuteranopia**  
836B53



**Tritanopia**  
337A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19804E 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 #19804E looks like.

```
.text, #text, p{  
    color:#19804E  
}
```

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 #19804E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19804E
}
```

## Border

The CSS property to change the border of an element to Hex 19804E 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
#19804E }
```

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

```
.border{ border-color:#19804E }
```

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

Here you see how a box with a 4 pixel #19804E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19804E; -webkit-box-shadow:4px 4px  
4px 4px #19804E; box-shadow:4px 4px 4px  
4px #19804E }
```

# Background

The CSS property to change the background color of an element to Hex 19804E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19804E }
```

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

```
.background{ background-color:#19804E }
```

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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