

# Converting Colors

Hex(19855E)

Have a look what the booklet for  
Hex(19855E) contains.

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# Color

**Hex(19855E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19855E
RGB	25, 133, 94
RGB Percent	10%, 52%, 37%
CMY	0.9020, 0.4784, 0.6314
CMYK	0.81, 0.00, 0.29, 0.48
HSL	158°, 68%, 31%
HSV	158°, 81%, 52%
XYZ	10.8088, 17.7899, 13.4538
YIQ	96.2620, -51.8490, -35.0250

# Conversions

## Conversions Part 2

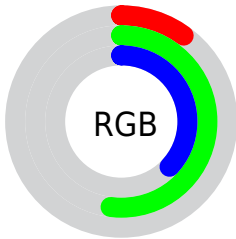
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 91, 133
Decimal	1672542
CIELab	49.24, -38.97, 12.87
CIElCh	49, 41.036, 161.725
Yxy	17.7899, 0.2570, 0.4230
Android (android.graphics.Color)	4279862622 (0xFF19855E)
YUV	96.2620, -1.1152, -62.4968
Hunter-Lab	42.1781, -28.0681, 10.6126

# Details

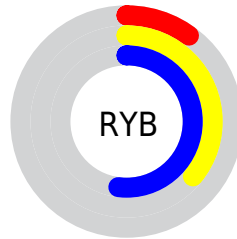
The Hex color **19855E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **851940**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **59BB90**, and **005230** is the 20% darker color. If you saturate the color by 10%, you get **0C8559**, and if you desaturate by 10%, it is **268563**.

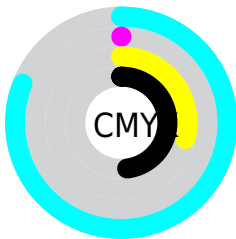
# Distribution



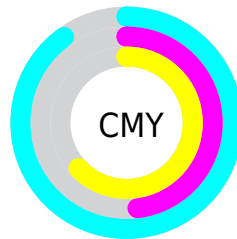
- Red (10%)
- Green (52%)
- Blue (37%)



- Red (10%)
- Yellow (36%)
- Blue (52%)



- Cyan (81%)
- Magenta (0%)
- Yellow (29%)
- Black (48%)



- Cyan (90%)
- Magenta (48%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19855E 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 19855E by changing the saturation by 10% instead.



 19855E

 19855E

FFFFFF

 006B46

 59BB90

 005230

 75D7AB

 003A1B

 91F4C6

 002601

 AEFFE2

 000000

 CAFFFF

 E8FFFF

 19855E

 19855E

 0C8559

 268563

■ 008555

■ 348568

■ 41856C

■ 4E8571

■ 5C8576

■ 69857B

■ 768580

■ 838584

■ 918589

# Harmonies

## Analogous

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



56803F



19855E



008782

# Triad

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



19855E



5174B9



B05F48

# Complementary

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



19855E



851940

# 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.



B65769



19855E



8966A9

# Square

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



19855E



007FB7



AA5A8C



9B6C32

# Rectangle

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



19855E



008699



AA5A8C



B45B52



# Sweetspot

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



19855E



84AD9E



418519



3E574E



D6D6D6



575757



# Same Dimension

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



19855E



05AD71



197785



3C4240



008253



000302



# Inverse Universe

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



851940



AD0542



852719



423C3E



82002F



030001



# Previews

## White Background



This preview shows how the Hex color 19855E looks on a white background.

## Color Contrast Check

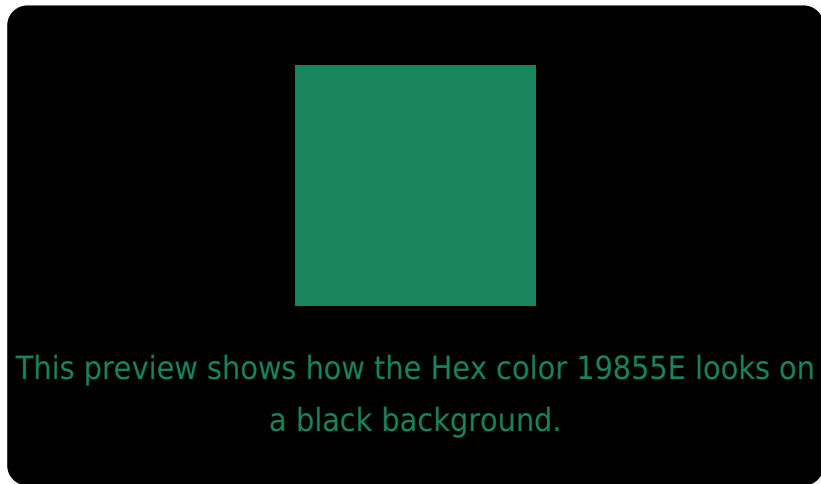
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

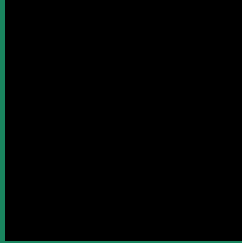
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 19855E Background



This preview shows how black text looks on a background with the Hex color 19855E.

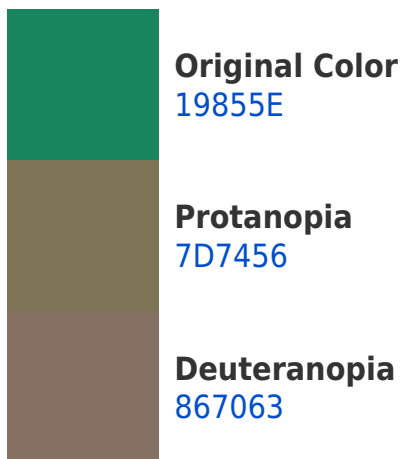


This preview shows how white text looks on a background with the Hex color 19855E.

# 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**  
327F8A

# Trichromacy



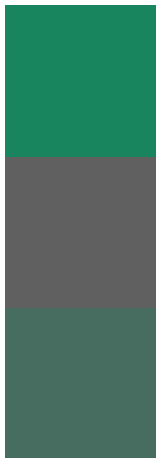
**Original Color**  
19855E

**Protanomaly**  
597A59

**Deuteranomaly**  
5E7861

**Tritanomaly**  
29817A

# Monochromacy



**Original Color**  
19855E

**Achromatopsia**  
606060

**Achromatomaly**  
466D5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19855E 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 #19855E looks like.

```
.text, #text, p{  
    color:#19855E  
}
```

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 #19855E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19855E
}
```

## Border

The CSS property to change the border of an element to Hex 19855E 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
#19855E }
```

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

```
.border{ border-color:#19855E }
```

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

Here you see how a box with a 4 pixel #19855E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19855E; -webkit-box-shadow:4px 4px  
4px 4px #19855E; box-shadow:4px 4px 4px  
4px #19855E }
```

# Background

The CSS property to change the background color of an element to Hex 19855E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19855E }
```

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

```
.background{ background-color:#19855E }
```

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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