

# Converting Colors

Hex(19C08E)

Have a look what the booklet for  
Hex(19C08E) contains.

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# Color

Hex(19C08E)

# Conversions

## Conversions Part 1

Format	Color
Hex	19C08E
RGB	25, 192, 142
RGB Percent	10%, 75%, 56%
CMY	0.9020, 0.2471, 0.4431
CMYK	0.87, 0.00, 0.26, 0.25
HSL	162°, 77%, 43%
HSV	162°, 87%, 75%
XYZ	24.1330, 39.8589, 32.0128
YIQ	136.3670, -83.4820, -50.9540

# Conversions

## Conversions Part 2

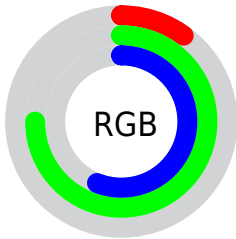
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">25, 123, 192</a>
Decimal	<a href="#">1687694</a>
CIELab	<a href="#">69.37, -51.36, 14.20</a>
CIELCh	<a href="#">69, 53.284, 164.546</a>
Yxy	<a href="#">39.8589, 0.2514, 0.4152</a>
Android (android.graphics.Color)	<a href="#">4279877774 (0xFF19C08E)</a>
YUV	<a href="#">136.3670, 2.7771, -97.6689</a>
Hunter-Lab	<a href="#">63.1339, -42.2525, 14.1301</a>

# Details

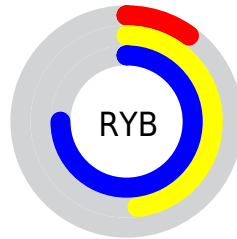
The Hex color **19C08E** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C0194B**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **68F9C4**, and **00895C** is the 20% darker color. If you saturate the color by 10%, you get **06C088**, and if you desaturate by 10%, it is **2CC094**.

# Distribution



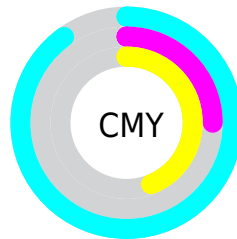
- Red (10%)
- Green (75%)
- Blue (56%)



- Red (10%)
- Yellow (48%)
- Blue (75%)



- Cyan (87%)
- Magenta (0%)
- Yellow (26%)
- Black (25%)



- Cyan (90%)
- Magenta (25%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19C08E 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 19C08E by changing the saturation by 10% instead.



 19C08E

 19C08E


FFFFFF

 00A474

 68F9C4

 00895C

 88FFE0

 006F44

 A6FFFC

 00552E

 C5FFFF

 003D18

 E3FFFF

 002600

 000000

 19C08E

 19C08E

 06C088

 2CC094

■ 00C087

■ 3FC099

■ 53C09F

■ 66C0A5

■ 79C0AB

■ 8CC0B0

■ 9FC0B6

■ B3C0BC

■ C6C0C2

# Harmonies

## Analogous

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



78BA62



19C08E



00C2C0

# Triad

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



19C08E



81A6FF



F98C68

# Complementary

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



19C08E



C0194B

# 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.



FF8094



19C08E



CB93EF

# Square

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



19C08E



00B6FF



F683C4



DA9E4A

# Rectangle

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



19C08E



00C0DF



F683C4



FF8775

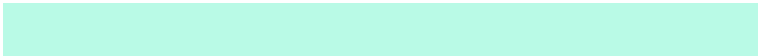


# Sweetspot

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



19C08E



B9FAE6



4BC019



567D71



FCFCFC



7D7D7D



# Same Dimension

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



19C08E



00FAAF



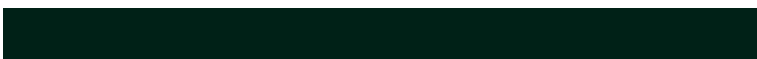
199FC0



57615E



00A171



002117



# Inverse Universe

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



C0194B



FA004B



C03A19



61575A



A10030

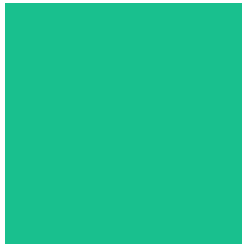


21000A



# Previews

## White Background



This preview shows how the Hex color 19C08E looks on a white background.

## Color Contrast Check

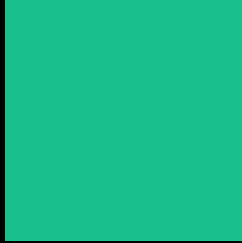
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 19C08E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

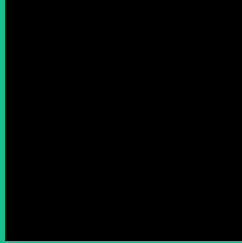
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 19C08E Background



This preview shows how black text looks on a background with the Hex color 19C08E.



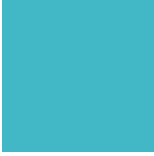
This preview shows how white text looks on a background with the Hex color 19C08E.

# 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](#).

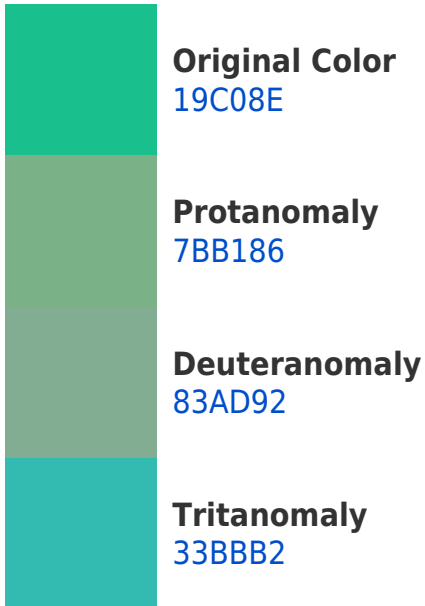
## Dichromacy





**Tritanopia**  
42B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19C08E 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 #19C08E looks like.

```
.text, #text, p{  
    color:#19C08E  
}
```

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 #19C08E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19C08E
}
```

## Border

The CSS property to change the border of an element to Hex 19C08E 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
#19C08E }
```

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

```
.border{ border-color:#19C08E }
```

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

Here you see how a box with a 4 pixel #19C08E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19C08E; -webkit-box-shadow:4px 4px  
4px 4px #19C08E; box-shadow:4px 4px 4px  
4px #19C08E }
```

# Background

The CSS property to change the background color of an element to Hex 19C08E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19C08E }
```

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

```
.background{ background-color:#19C08E }
```

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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