

# Converting Colors

Hex(1F8A85)

Have a look what the booklet for  
Hex(1F8A85) contains.

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# Color

Hex(1F8A85)

# Conversions

## Conversions Part 1

Format	Color
Hex	1F8A85
RGB	31, 138, 133
RGB Percent	12%, 54%, 52%
CMY	0.8784, 0.4588, 0.4784
CMYK	0.78, 0.00, 0.04, 0.46
HSL	177°, 63%, 33%
HSV	177°, 78%, 54%
XYZ	13.8872, 20.1617, 25.3500
YIQ	105.4370, -62.1670, -24.2390

# Conversions

## Conversions Part 2

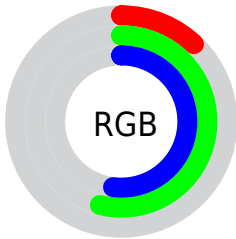
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 86, 138
Decimal	2067077
CIELab	52.02, -29.84, -5.76
CIElCh	52, 30.392, 190.929
Yxy	20.1617, 0.2338, 0.3394
Android (android.graphics.Color)	4280257157 (0xFF1F8A85)
YUV	105.4370, 13.5886, -65.2812
Hunter-Lab	44.9018, -23.3718, -2.0418

# Details

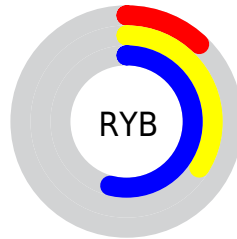
The Hex color **1F8A85** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8A1F24**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5FC0BA**, and **005754** is the 20% darker color. If you saturate the color by 10%, you get **118A84**, and if you desaturate by 10%, it is **2D8A86**.

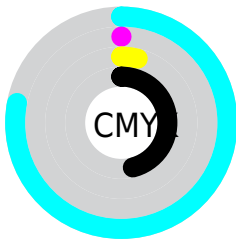
# Distribution



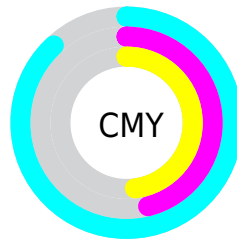
- Red (12%)
- Green (54%)
- Blue (52%)



- Red (12%)
- Yellow (34%)
- Blue (54%)



- Cyan (78%)
- Magenta (0%)
- Yellow (4%)
- Black (46%)



- Cyan (88%)
- Magenta (46%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F8A85 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 1F8A85 by changing the saturation by 10% instead.



 1F8A85

 1F8A85

FFFFFF

 00706C

 5FC0BA

 005754

 7CDCD6

 003F3D

 99F9F2

 002927

 B6FFFF

 000E13


 D3FFFF

 000000

 F0FFFF

 1F8A85

 1F8A85

 118A84

 2D8A86

■ 038A84

■ 3B8A86

■ 008A84

■ 488A87

■ 568A88

■ 648A88

■ 728A89

■ 808A8A

■ 8D8A8A

■ 9B8A8B

# Harmonies

## Analogous

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



46896A



1F8A85



04889D

# Triad

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



1F8A85



8B72A3



9B754B

# Complementary

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



1F8A85



8A1F24

# 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.



AB6C5B



1F8A85



A46A8E

# Square

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



1F8A85



667BAF



AF6873



847E48

# Rectangle

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



1F8A85



2785A9



AF6873



A2724F



# Sweetspot

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



1F8A85



89B3B1



248A1F



405958



D9D9D9



595959



# Same Dimension

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



1F8A85



0CB3AB



1F5A8A



3E4545



00857E



000505



# Inverse Universe

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



8A1F24



B30C14



8A4F1F



453E3E



850006

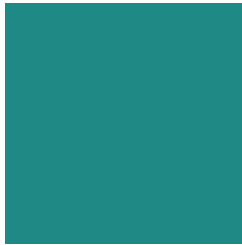


050000



# Previews

## White Background



This preview shows how the Hex color 1F8A85 looks on a white background.

## Color Contrast Check

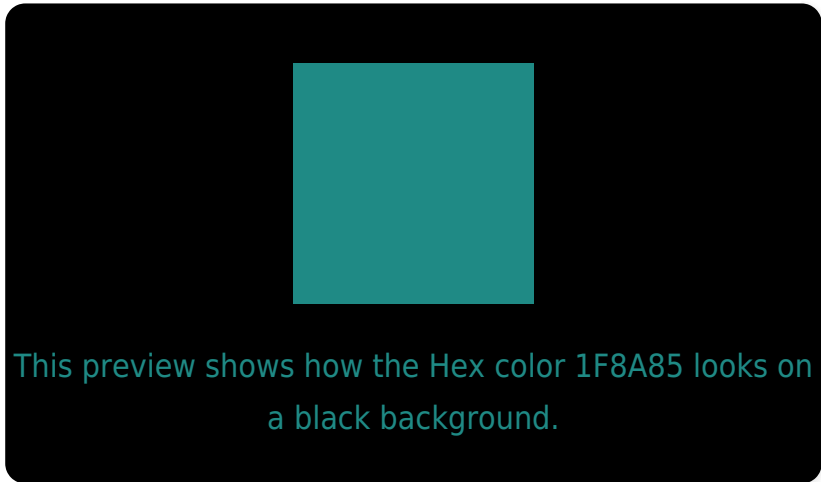
Large Text (above 18pt) WCAG AA ✓ Pass

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

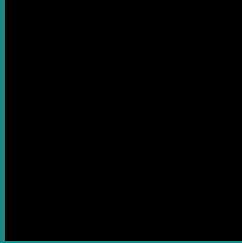
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1F8A85 Background



This preview shows how black text looks on a background with the Hex color 1F8A85.

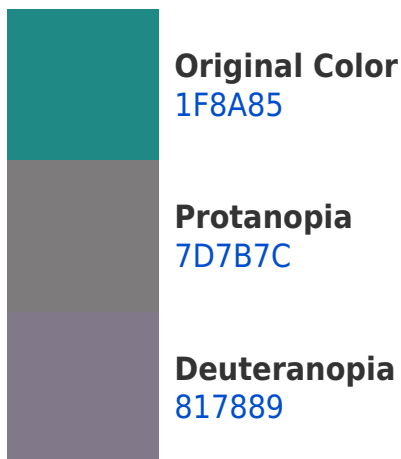


This preview shows how white text looks on a background with the Hex color 1F8A85.

# 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**  
298893

# Trichromacy



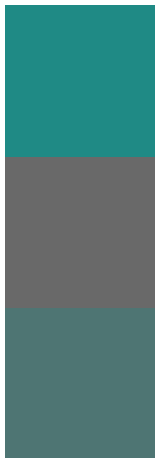
**Original Color**  
1F8A85

**Protanomaly**  
5B807F

**Deuteranomaly**  
5D7F88

**Tritanomaly**  
25898E

# Monochromacy



**Original Color**  
1F8A85

**Achromatopsia**  
696969

**Achromatomaly**  
4E7573

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F8A85 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 #1F8A85 looks like.

```
.text, #text, p{  
    color:#1F8A85  
}
```

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 #1F8A85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F8A85
}
```

## Border

The CSS property to change the border of an element to Hex 1F8A85 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
#1F8A85 }
```

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

```
.border{ border-color:#1F8A85 }
```

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

Here you see how a box with a 4 pixel #1F8A85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F8A85; -webkit-box-shadow:4px 4px  
4px 4px #1F8A85; box-shadow:4px 4px 4px  
4px #1F8A85 }
```

# Background

The CSS property to change the background color of an element to Hex 1F8A85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F8A85 }
```

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

```
.background{ background-color:#1F8A85 }
```

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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