

# Converting Colors

Hex(1F8A7B)

Have a look what the booklet for  
Hex(1F8A7B) contains.

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# Color

Hex(1F8A7B)

# Conversions

## Conversions Part 1

Format	Color
Hex	1F8A7B
RGB	31, 138, 123
RGB Percent	12%, 54%, 48%
CMY	0.8784, 0.4588, 0.5176
CMYK	0.78, 0.00, 0.11, 0.46
HSL	172°, 63%, 33%
HSV	172°, 78%, 54%
XYZ	13.2287, 19.8983, 21.8824
YIQ	104.2970, -58.9570, -27.3490

# Conversions

## Conversions Part 2

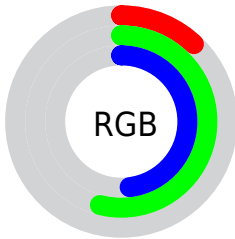
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 89, 138
Decimal	2067067
CIELab	51.72, -32.79, -0.39
CIELCh	52, 32.790, 180.677
Yxy	19.8983, 0.2405, 0.3617
Android (android.graphics.Color)	4280257147 (0xFF1F8A7B)
YUV	104.2970, 9.2206, -64.2815
Hunter-Lab	44.6075, -25.1277, 2.1403

# Details

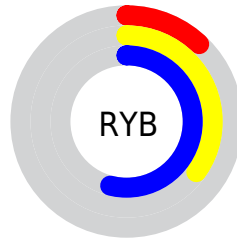
The Hex color **1F8A7B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8A1F2E**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **5FC0AF**, and **00574A** is the 20% darker color. If you saturate the color by 10%, you get **118A79**, and if you desaturate by 10%, it is **2D8A7D**.

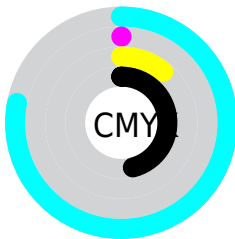
# Distribution



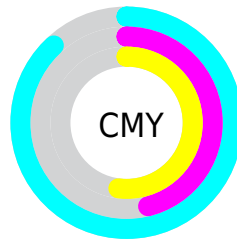
- Red (12%)
- Green (54%)
- Blue (48%)



- Red (12%)
- Yellow (35%)
- Blue (54%)



- Cyan (78%)
- Magenta (0%)
- Yellow (11%)
- Black (46%)



- Cyan (88%)
- Magenta (46%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F8A7B 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 1F8A7B by changing the saturation by 10% instead.



 1F8A7B

 1F8A7B

FFFFFF

 007062

 5FC0AF

 00574A

 7BDCCB

 003F34

 97F9E7

 00291F

 B4FFFF

 000C07


 D1FFFF

 000000

 EFFFFFFF

 1F8A7B

 1F8A7B

 118A79

 2D8A7D

■ 038A77

■ 3B8A7F

■ 008A77

■ 488A81

■ 568A83

■ 648A85

■ 728A87

■ 808A89

■ 8D8A8A

■ 9B8A8C

# Harmonies

## Analogous

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



4D885F



1F8A7B



008997

# Triad

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



1F8A7B



7F74AC



A3704B

# Complementary

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



1F8A7B



8A1F2E

# 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.



B06860



1F8A7B



9F6A97

# Square

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



1F8A7B



517EB3



AF657C



8D7A42

# Rectangle

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



1F8A7B



0087A6



AF657C



A96D51



# Sweetspot

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



1F8A7B



89B3AD



2F8A1F



405956



D9D9D9



595959



# Same Dimension

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



1F8A7B



0CB39B



1F658A



3E4544



008572



000504



# Inverse Universe

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



8A1F2E



B30C24



8A441F



453E3F



850013

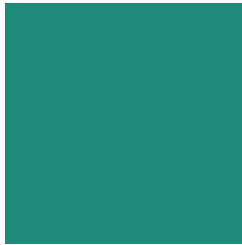


050001



# Previews

## White Background



This preview shows how the Hex color 1F8A7B looks on a white background.

## Color Contrast Check

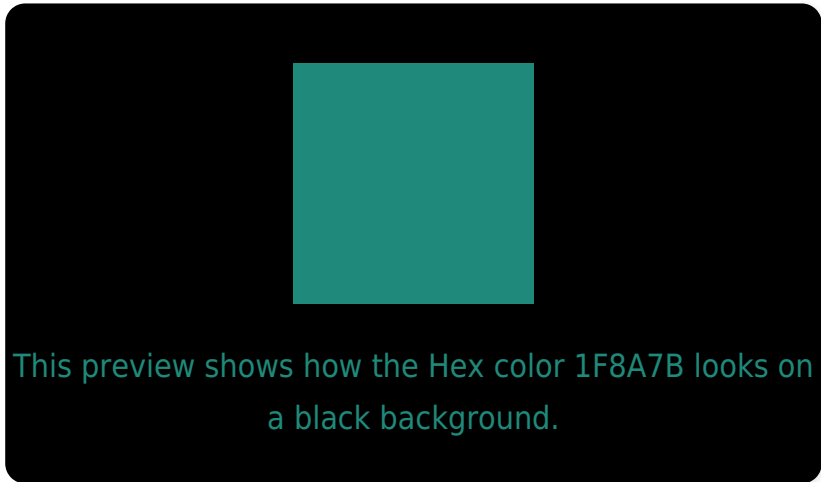
Large Text (above 18pt) WCAG AA ✓ Pass

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

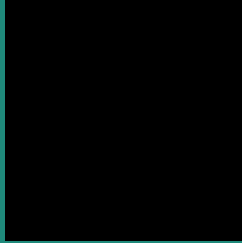
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1F8A7B Background



This preview shows how black text looks on a background with the Hex color 1F8A7B.

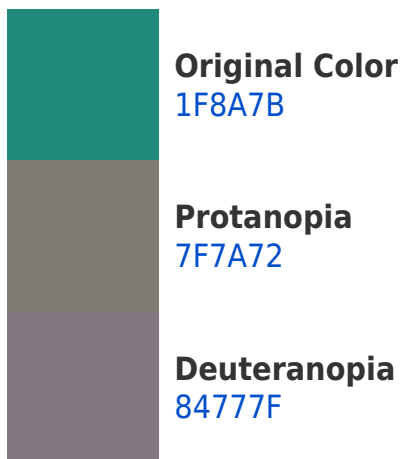


This preview shows how white text looks on a background with the Hex color 1F8A7B.

# 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**  
2E8792

# Trichromacy



**Original Color**  
1F8A7B

**Protanomaly**  
5C8075

**Deuteranomaly**  
5F7E7E

**Tritanomaly**  
29888A

# Monochromacy



**Original Color**  
1F8A7B

**Achromatopsia**  
686868

**Achromatomaly**  
4D746F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F8A7B 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 #1F8A7B looks like.

```
.text, #text, p{  
    color:#1F8A7B  
}
```

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 #1F8A7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F8A7B
}
```

## Border

The CSS property to change the border of an element to Hex 1F8A7B 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
#1F8A7B }
```

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

```
.border{ border-color:#1F8A7B }
```

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

Here you see how a box with a 4 pixel #1F8A7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F8A7B; -webkit-box-shadow:4px 4px  
4px 4px #1F8A7B; box-shadow:4px 4px 4px  
4px #1F8A7B }
```

# Background

The CSS property to change the background color of an element to Hex 1F8A7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F8A7B }
```

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

```
.background{ background-color:#1F8A7B }
```

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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