

# Converting Colors

Hex(1F817E)

Have a look what the booklet for  
Hex(1F817E) contains.

<b>Hex(1F817E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(1F817E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1F817E
RGB	31, 129, 126
RGB Percent	12%, 51%, 49%
CMY	0.8784, 0.4941, 0.5059
CMYK	0.76, 0.00, 0.02, 0.49
HSL	178°, 61%, 31%
HSV	178°, 76%, 51%
XYZ	12.1812, 17.4982, 22.4741
YIQ	99.3560, -57.4450, -21.7090

# Conversions

## Conversions Part 2

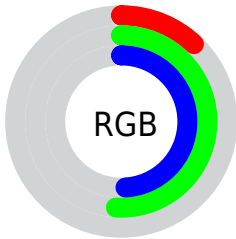
<b>Format</b>	<b>Color</b>
<b>RYB</b>	<b>31, 81, 129</b>
Decimal	2064766
CIELab	48.88, -27.57, -6.33
CIELCh	49, 28.291, 192.932
Yxy	17.4982, 0.2336, 0.3355
Android (android.graphics.Color)	4280254846 (0xFF1F817E)
YUV	99.3560, 13.1355, -59.9482
Hunter-Lab	41.8308, -21.2244, -2.5727

# Details

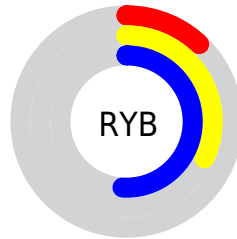
The Hex color **1F817E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **811F22**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **5DB6B3**, and **004F4D** is the 20% darker color. If you saturate the color by 10%, you get **12817E**, and if you desaturate by 10%, it is **2C817E**.

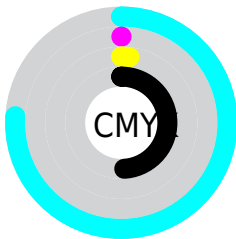
# Distribution



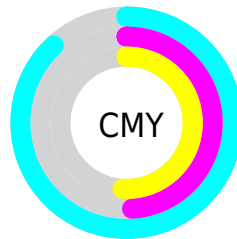
- Red (12%)
- Green (51%)
- Blue (49%)



- Red (12%)
- Yellow (32%)
- Blue (51%)



- Cyan (76%)
- Magenta (0%)
- Yellow (2%)
- Black (49%)



- Cyan (88%)
- Magenta (49%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F817E 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 1F817E by changing the saturation by 10% instead.



 1F817E

 1F817E

FFFFFF

 006865

 5DB6B3

 004F4D

 7AD2CE

 003836

 96EFEA

 002321

 B2FFFF

 00000B

 CFFFFF

 000000

 EDFFFF

 1F817E

 1F817E

 12817E

 2C817E

■ 05817D

■ 39817F

■ 00817D

■ 46817F

■ 538180

■ 608180

■ 6C8180

■ 798181

■ 868181

■ 938182

# Harmonies

## Analogous

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



418065



1F817E



127F94

# Triad

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



1F817E



846A97



906E47

# Complementary

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



1F817E



811F22

# 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.



9F6655



1F817E



9A6383

# Square

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



1F817E



6273A3



A3626B



7A7645

# Rectangle

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



1F817E



2B7C9E



A3626B



966B4A



# Sweetspot

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



1F817E



82A8A7



22811F



3D5453



D4D4D4



545454



# Same Dimension

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



1F817E



0FA8A4



1F5381



394040



00807C



000000



# Inverse Universe

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



811F22



A80F14



814D1F



40393A



800004



000000



# Previews

## White Background



This preview shows how the Hex color 1F817E looks on a white background.

## Color Contrast Check

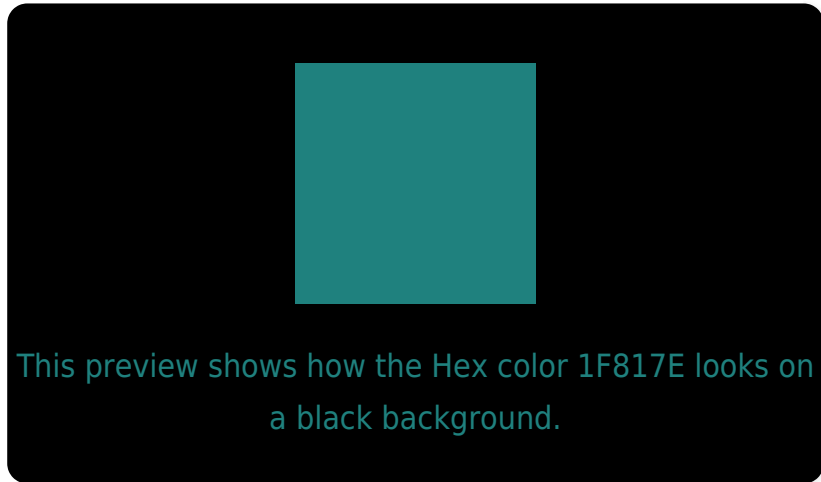
Large Text (above 18pt) WCAG AA ✓ Pass

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

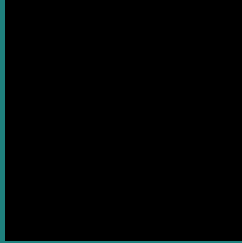
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1F817E Background



This preview shows how black text looks on a background with the Hex color 1F817E.

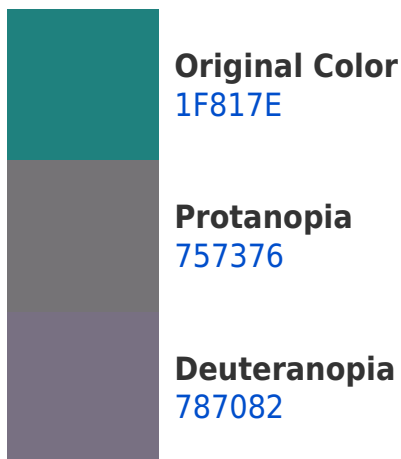


This preview shows how white text looks on a background with the Hex color 1F817E.

# 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**  
277F8A

# Trichromacy



**Original Color**  
1F817E

**Protanomaly**  
567879

**Deuteranomaly**  
587681

**Tritanomaly**  
248086

# Monochromacy



**Original Color**  
1F817E

**Achromatopsia**  
636363

**Achromatomaly**  
4A6E6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F817E 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 #1F817E looks like.

```
.text, #text, p{  
    color:#1F817E  
}
```

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 #1F817E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F817E
}
```

## Border

The CSS property to change the border of an element to Hex 1F817E 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
#1F817E }
```

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

```
.border{ border-color:#1F817E }
```

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

Here you see how a box with a 4 pixel #1F817E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F817E; -webkit-box-shadow:4px 4px  
4px 4px #1F817E; box-shadow:4px 4px 4px  
4px #1F817E }
```

# Background

The CSS property to change the background color of an element to Hex 1F817E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F817E }
```

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

```
.background{ background-color:#1F817E }
```

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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