

Converting Colors

Hex(1F887E)

Have a look what the booklet for
Hex(1F887E) contains.

Hex(1F887E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1F887E)

Conversions

Conversions Part 1

Format	Color
Hex	1F887E
RGB	31, 136, 126
RGB Percent	12%, 53%, 49%
CMY	0.8784, 0.4667, 0.5059
CMYK	0.77, 0.00, 0.07, 0.47
HSL	174°, 63%, 33%
HSV	174°, 77%, 53%
XYZ	13.1351, 19.4060, 22.7921
YIQ	103.4650, -59.3700, -25.3700

Conversions

Conversions Part 2

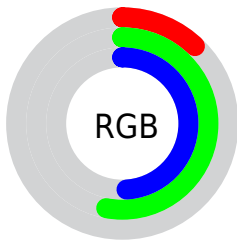
Format	Color
R_{YB}	31, 86, 136
Decimal	2066558
CIE _{Lab}	51.16, -30.97, -2.96
CIE _{LCh}	51, 31.114, 185.459
Yxy	19.4060, 0.2374, 0.3507
Android (android.graphics.Color)	4280256638 (0xFF1F887E)
YUV	103.4650, 11.1098, -63.5518
Hunter-Lab	44.0522, -23.8677, 0.1606

Details

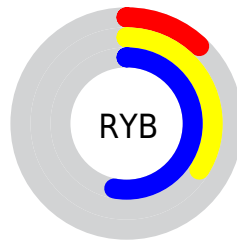
The Hex color **1F887E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **881F29**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5EBEB3**, and **00554D** is the 20% darker color. If you saturate the color by 10%, you get **11887D**, and if you desaturate by 10%, it is **2D887F**.

Distribution



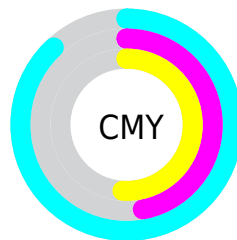
- Red (12%)
- Green (53%)
- Blue (49%)



- Red (12%)
- Yellow (34%)
- Blue (53%)



- Cyan (77%)
- Magenta (0%)
- Yellow (7%)
- Black (47%)



- Cyan (88%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F887E 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 1F887E by changing the saturation by 10% instead.



1F887E



1F887E

FFFFFF



006E65



5EBEB3



00554D



7BDACE



003E36



97F7EA



002721



B4FFFF



00080B



D1FFFF



000000



FFFFFF



1F887E



1F887E



11887D



2D887F

■ 04887B

■ 3A8881

■ 00887B

■ 488882

■ 558883

■ 638884

■ 718886

■ 7E8887

■ 8C8888

■ 99888A

Harmonies

Analogous

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



498663



1F887E



008798

Triad

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



1F887E



8371A5



9D714A

Complementary

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



1F887E



881F29

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.



AB685C



1F887E



9F6890

Square

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



1F887E



5A7BAE



AC6576



867A44

Rectangle

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



1F887E



0F84A5



AC6576



A36E4F

Sweetspot

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



1F887E



87B0AC



2A881F



405957



D9D9D9



595959

Same Dimension

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



1F887E



0CB0A0



1F5E88



3E4544



008578



000505

Inverse Universe

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



881F29



B00C1C



88491F



453E3F



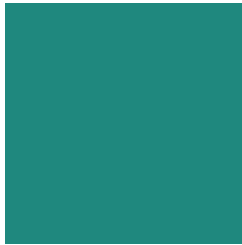
85000D



050000

Previews

White Background



This preview shows how the Hex color 1F887E looks on a white background.

Color Contrast Check

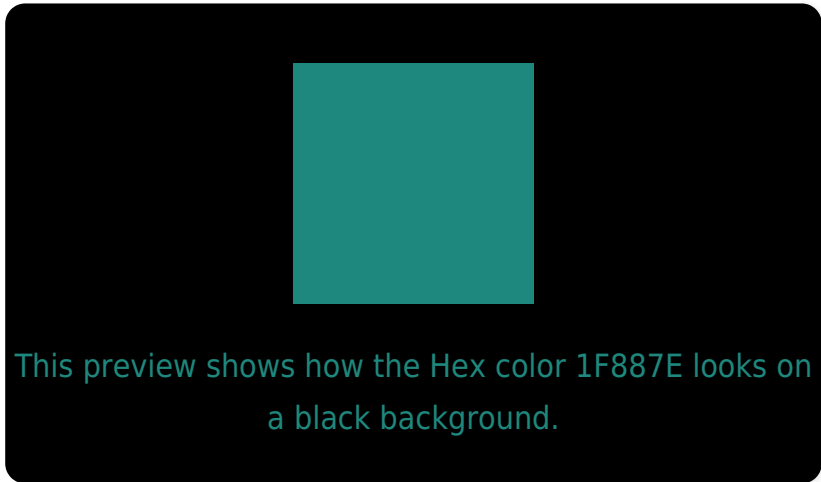
Large Text (above 18pt) WCAG AA ✓ Pass

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

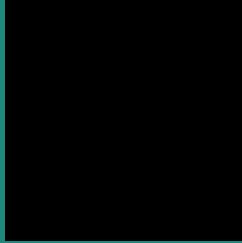
Any Text WCAG AA ✓ Pass

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 1F887E Background



This preview shows how black text looks on a background with the Hex color 1F887E.

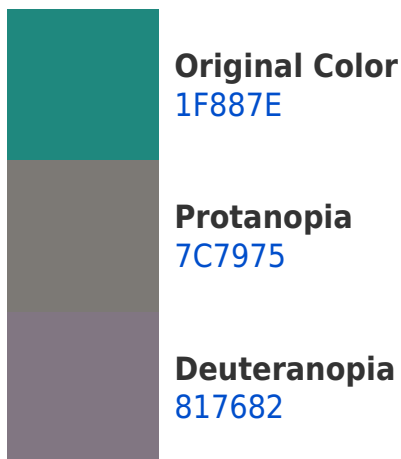


This preview shows how white text looks on a background with the Hex color 1F887E.

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
2B8590

Trichromacy



Original Color
1F887E



Protanomaly
5A7E78



Deuteranomaly
5D7D81



Tritanomaly
278689

Monochromacy



Original Color
1F887E



Achromatopsia
676767



Achromatomaly
4D736F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F887E 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 #1F887E looks like.

```
.text, #text, p{  
    color:#1F887E  
}
```

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 #1F887E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F887E
}
```

Border

The CSS property to change the border of an element to Hex 1F887E 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
#1F887E }
```

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

```
.border{ border-color:#1F887E }
```

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

Here you see how a box with a 4 pixel #1F887E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F887E; -webkit-box-shadow:4px 4px  
4px 4px #1F887E; box-shadow:4px 4px 4px  
4px #1F887E }
```

Background

The CSS property to change the background color of an element to Hex 1F887E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F887E }
```

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

```
.background{ background-color:#1F887E }
```

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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