

Converting Colors

Hex(1F7E70)

Have a look what the booklet for
Hex(1F7E70) contains.

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Color

Hex(1F7E70)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 1F7E70 |
| RGB | 31, 126, 112 |
| RGB Percent | 12%, 49%, 44% |
| CMY | 0.8784, 0.5059, 0.5608 |
| CMYK | 0.75, 0.00, 0.11, 0.51 |
| HSL | 171°, 61%, 31% |
| HSV | 171°, 75%, 49% |
| XYZ | 10.9506, 16.3829, 17.9143 |
| YIQ | 95.9990, -52.1260, -24.4940 |

Conversions

Conversions Part 2

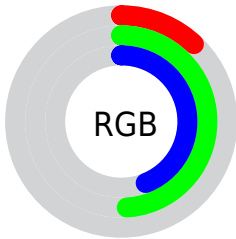
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 31, 82, 126 |
| Decimal | 2063984 |
| CIE _{Lab} | 47.47, -30.29, -0.16 |
| CIE _{LCh} | 47, 30.294, 180.294 |
| Yxy | 16.3829, 0.2420, 0.3621 |
| Android (android.graphics.Color) | 4280254064 (0xFF1F7E70) |
| YUV | 95.9990, 7.8885, -57.0041 |
| Hunter-Lab | 40.4758, -22.5401, 2.0917 |

Details

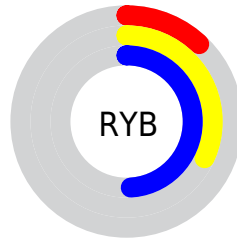
The Hex color **1F7E70** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7E1F2D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **5BB3A4**, and **004C40** is the 20% darker color. If you saturate the color by 10%, you get **127E6E**, and if you desaturate by 10%, it is **2C7E72**.

Distribution



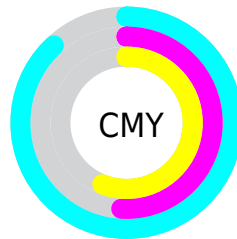
- Red (12%)
- Green (49%)
- Blue (44%)



- Red (12%)
- Yellow (32%)
- Blue (49%)



- Cyan (75%)
- Magenta (0%)
- Yellow (11%)
- Black (51%)



- Cyan (88%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F7E70 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 1F7E70 by changing the saturation by 10% instead.

 1F7E70

 1F7E70

FFFFFF

 006558

 5BB3A4

 004C40

 77CFBF

 00352A

 93EBDA

 002116

 B0FFF7

 000000

 CCFFFF

 EAFFFF

 1F7E70

 1F7E70

 127E6E

 2C7E72

067E6C

387E74

007E6B

457E76

517E77

5E7E79

6B7E7B

777E7D

847E7F

907E81

Harmonies

Analogous

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



477C56



1F7E70



007D89

Triad

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



1F7E70



736A9D



956645

Complementary

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



1F7E70



7E1F2D

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.



A15F58



1F7E70



91618A

Square

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



1F7E70



4A73A3



A05C71



816F3D

Rectangle

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



1F7E70



007B97



A05C71



9A634A

Sweetspot

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



1F7E70



7EA39E



2D7E1F



3B524E



D1D1D1



525252

Same Dimension

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



1F7E70



10A38E



1F5D7E



39403F



00806D



000000

Inverse Universe

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



7E1F2D



A31026



7E401F



40393A



800013



000000

Previews

White Background



This preview shows how the Hex color 1F7E70 looks on a white background.

Color Contrast Check

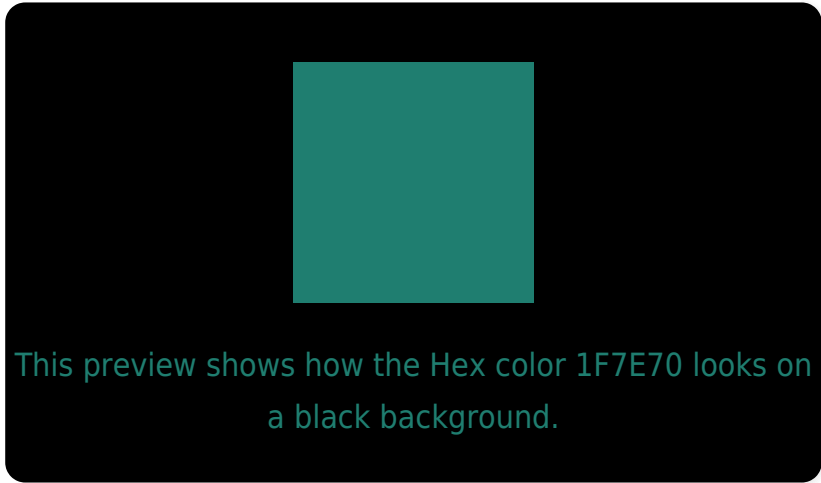
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 1F7E70 Background



This preview shows how black text looks on a background with the Hex color 1F7E70.

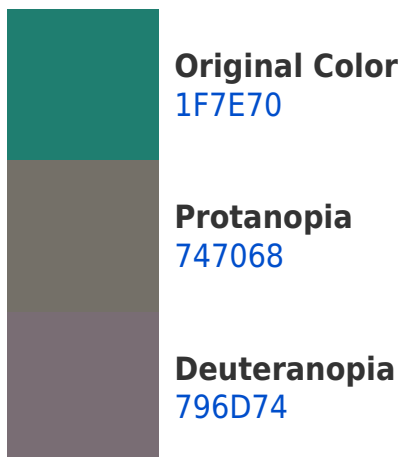


This preview shows how white text looks on a background with the Hex color 1F7E70.

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
2C7B85

Trichromacy



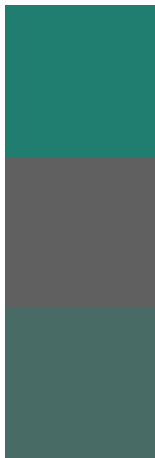
Original Color
1F7E70

Protanomaly
55756B

Deuteranomaly
587373

Tritanomaly
277C7D

Monochromacy



Original Color
1F7E70

Achromatopsia
606060

Achromatomaly
486B66

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F7E70 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 #1F7E70 looks like.

```
.text, #text, p{  
    color:#1F7E70  
}
```

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 #1F7E70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F7E70
}
```

Border

The CSS property to change the border of an element to Hex 1F7E70 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
#1F7E70 }
```

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

```
.border{ border-color:#1F7E70 }
```

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

Here you see how a box with a 4 pixel #1F7E70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F7E70; -webkit-box-shadow:4px 4px  
4px 4px #1F7E70; box-shadow:4px 4px 4px  
4px #1F7E70 }
```

Background

The CSS property to change the background color of an element to Hex 1F7E70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F7E70 }
```

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

```
.background{ background-color:#1F7E70 }
```

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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