

Converting Colors

Hex(1F717A)

Have a look what the booklet for
Hex(1F717A) contains.

Hex(1F717A)	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(1F717A)

Conversions

Conversions Part 1

Format	Color
Hex	1F717A
RGB	31, 113, 122
RGB Percent	12%, 44%, 48%
CMY	0.8784, 0.5569, 0.5216
CMYK	0.75, 0.07, 0.00, 0.52
HSL	186°, 59%, 30%
HSV	186°, 75%, 48%
XYZ	9.9831, 13.5067, 20.4932
YIQ	89.5080, -51.7610, -14.5850

Conversions

Conversions Part 2

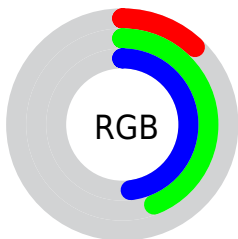
Format	Color
RYB	31, 74, 122
Decimal	2060666
CIELab	43.52, -20.63, -12.00
CIElCh	44, 23.866, 210.188
Yxy	13.5067, 0.2270, 0.3071
Android (android.graphics.Color)	4280250746 (0xFF1F717A)
YUV	89.5080, 16.0186, -51.3115
Hunter-Lab	36.7515, -15.8279, -7.3351




Details

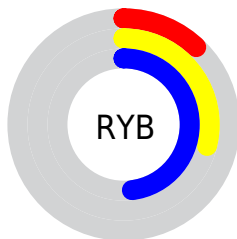
The Hex color **1F717A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7A281F**, and the grayscale version is **595959**.




A 20% lighter version of the original color is **5BA5AE**, and **004149** is the 20% darker color. If you saturate the color by 10%, you get **13707A**, and if you desaturate by 10%, it is **2B727A**.

Distribution







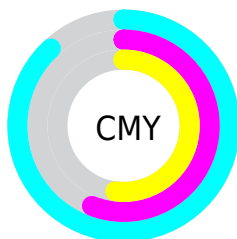
-  Red (12%)
-  Green (44%)
-  Blue (48%)






-  Red (12%)
-  Yellow (29%)
-  Blue (48%)



-  Cyan (75%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (88%)
-  Magenta (56%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F717A 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 1F717A by changing the saturation by 10% instead.



1F717A



1F717A

FFFFFF



005861



5BA5AE



004149



76C0CA



002A33



92DCE6



00161E



AEF9FF



000002



CBFFFF



000000



E8FFFF



1F717A



1F717A



13707A



2B727A

076F7A

37737A

006E7A

44757A

50767A

5C777A

68787A

74797A

817B7A

8D7C7A

Harmonies

Analogous

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



307166



1F717A



2D6E89

Triad

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



1F717A



805B7B



74663F

Complementary

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



1F717A



7A281F

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.



845F45



1F717A



8C5867

Square

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



1F717A



696289



8D5954



5F6C44

Rectangle

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



1F717A



416B8D



8D5954



7A6340

Sweetspot

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



1F717A



7B9B9E



1F7A27



3A4D4F



CFCFCF



4F4F4F

Same Dimension

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



1F717A



10909E



1F457A



373D3D



00717D



00E3FC

Inverse Universe

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



7A1F71



9E1090



7A541F



3D373D



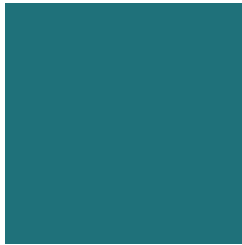
7D0071



FC00E3

Previews

White Background



This preview shows how the Hex color 1F717A looks on a white background.

Color Contrast Check

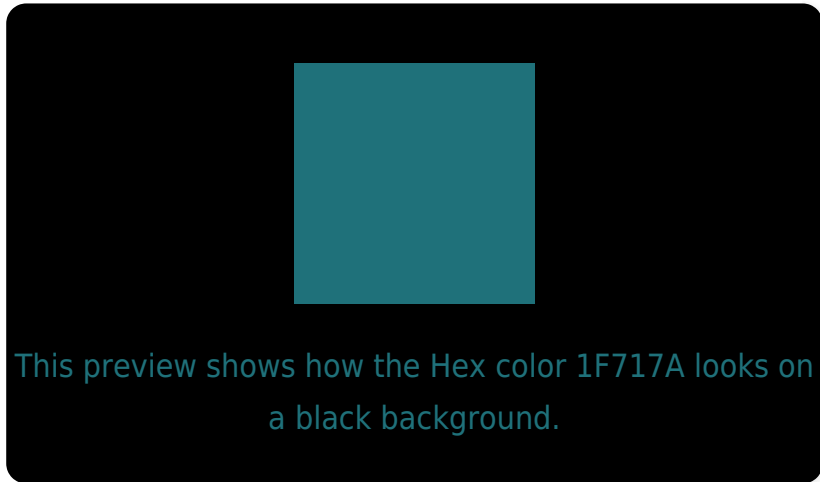
Large Text (above 18pt) WCAG AA ✓ Pass

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

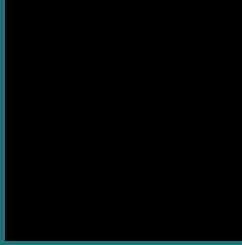
Any Text WCAG AA × Fail

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 1F717A Background



This preview shows how black text looks on a background with the Hex color 1F717A.

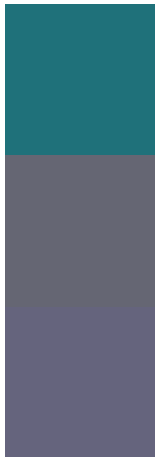


This preview shows how white text looks on a background with the Hex color 1F717A.

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



Original Color
1F717A

Protanopia
656673

Deuteranopia
65647D



Tritanopia
1F717A

Trichromacy



Original Color
1F717A

Protanomaly
4C6A76

Deuteranomaly
4C697C

Tritanomaly
1F717A

Monochromacy



Original Color
1F717A

Achromatopsia
5A5A5A

Achromatomaly
456266

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F717A 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 #1F717A looks like.

```
.text, #text, p{  
    color:#1F717A  
}
```

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 #1F717A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F717A
}
```

Border

The CSS property to change the border of an element to Hex 1F717A 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
#1F717A }
```

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

```
.border{ border-color:#1F717A }
```

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

Here you see how a box with a 4 pixel #1F717A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F717A; -webkit-box-shadow:4px 4px  
4px 4px #1F717A; box-shadow:4px 4px 4px  
4px #1F717A }
```

Background

The CSS property to change the background color of an element to Hex 1F717A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F717A }
```

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

```
.background{ background-color:#1F717A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor