

Converting Colors

Hex(1F796A)

Have a look what the booklet for
Hex(1F796A) contains.

Hex(1F796A)	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(1F796A)

Conversions

Conversions Part 1

Format	Color
Hex	1F796A
RGB	31, 121, 106
RGB Percent	12%, 47%, 42%
CMY	0.8784, 0.5255, 0.5843
CMYK	0.74, 0.00, 0.12, 0.53
HSL	170°, 59%, 30%
HSV	170°, 74%, 47%
XYZ	10.0040, 15.0067, 16.0050
YIQ	92.3800, -48.8250, -23.7450

Conversions

Conversions Part 2

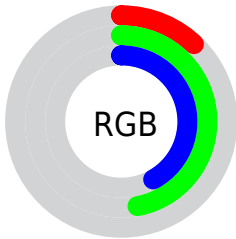
Format	Color
RYB	31, 80, 121
Decimal	2062698
CIELab	45.64, -29.63, 0.73
CIELCh	46, 29.639, 178.587
Yxy	15.0067, 0.2439, 0.3659
Android (android.graphics.Color)	4280252778 (0xFF1F796A)
YUV	92.3800, 6.7147, -53.8303
Hunter-Lab	38.7384, -21.6957, 2.6209

Details

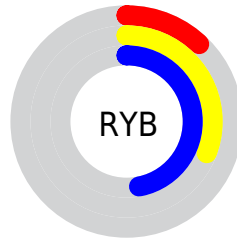
The Hex color **1F796A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **791F2E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5AAE9D**, and **00483B** is the 20% darker color. If you saturate the color by 10%, you get **137968**, and if you desaturate by 10%, it is **2B796C**.

Distribution



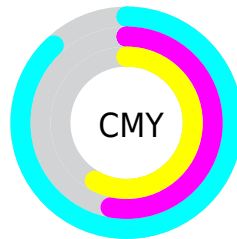
- Red (12%)
- Green (47%)
- Blue (42%)



- Red (12%)
- Yellow (31%)
- Blue (47%)



- Cyan (74%)
- Magenta (0%)
- Yellow (12%)
- Black (53%)



- Cyan (88%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F796A 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 1F796A by changing the saturation by 10% instead.

 1F796A

 1F796A

FFFFFF

 006052

 5AAE9D

 00483B

 76CAB8

 003025

 91E6D4

 001D10

 ADFFF0

 000000

 CAFFFF

 E7FFFF

 1F796A

 1F796A

 137968

 2B796C

077966

37796E

007965

437970

4F7972

5B7974

687976

747978

80797A

8C797C

Harmonies

Analogous

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



467751



1F796A



007983

Triad

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



1F796A



6D6698



906142

Complementary

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



1F796A



791F2E

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.



9B5A56



1F796A



8A5D86

Square

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



1F796A



446F9D



9A586E



7D6A3A

Rectangle

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



1F796A



007791



9A586E



955F48

Sweetspot

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



1F796A



7B9E98



2E791F



3A4F4C



CFCFCF



4F4F4F

Same Dimension

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



1F796A



119E87



1F5B79



373D3C



007D68



00FCD2

Inverse Universe

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



791F2E



9E1129



793D1F



3D3738



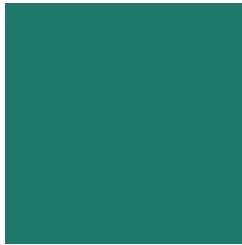
7D0015



FC002A

Previews

White Background



This preview shows how the Hex color 1F796A looks on a white background.

Color Contrast Check

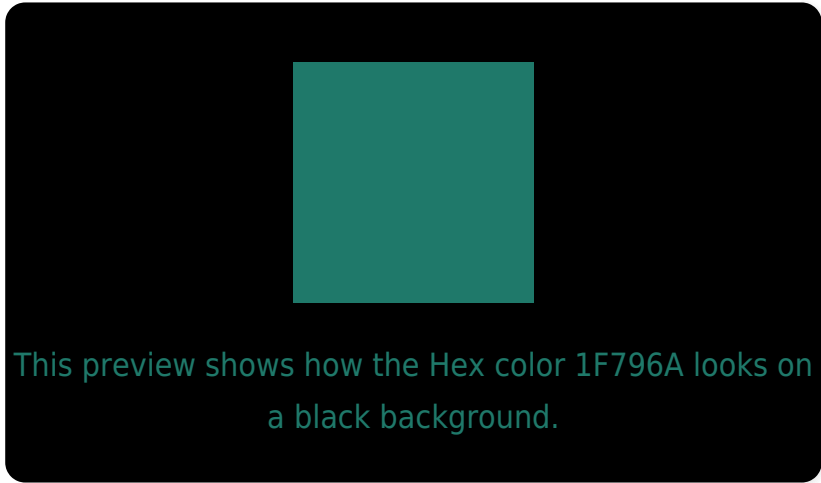
Large Text (above 18pt) WCAG AA ✓ Pass

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

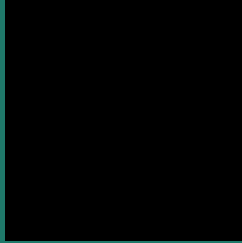
Any Text WCAG AA × Fail

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 1F796A Background



This preview shows how black text looks on a background with the Hex color 1F796A.

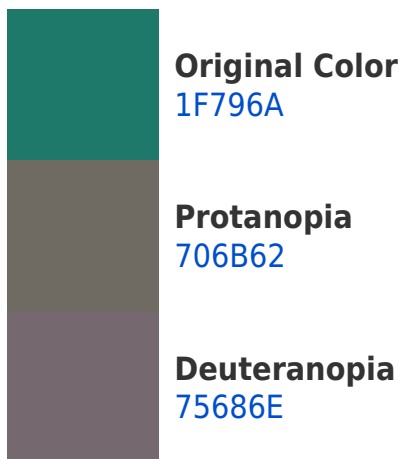


This preview shows how white text looks on a background with the Hex color 1F796A.

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
2B767F

Trichromacy



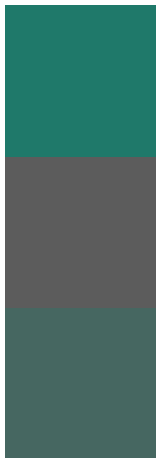
Original Color
1F796A

Protanomaly
537065

Deuteranomaly
566E6D

Tritanomaly
277777

Monochromacy



Original Color
1F796A

Achromatopsia
5C5C5C

Achromatomaly
466761

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F796A 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 #1F796A looks like.

```
.text, #text, p{  
    color:#1F796A  
}
```

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 #1F796A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F796A
}
```

Border

The CSS property to change the border of an element to Hex 1F796A 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
#1F796A }
```

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

```
.border{ border-color:#1F796A }
```

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

Here you see how a box with a 4 pixel #1F796A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F796A; -webkit-box-shadow:4px 4px  
4px 4px #1F796A; box-shadow:4px 4px 4px  
4px #1F796A }
```

Background

The CSS property to change the background color of an element to Hex 1F796A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F796A }
```

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

```
.background{ background-color:#1F796A }
```

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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