

# Converting Colors

Hex(1A7F6C)

Have a look what the booklet for  
Hex(1A7F6C) contains.

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# Color

Hex(1A7F6C)

# Conversions

## Conversions Part 1

Format	Color
Hex	1A7F6C
RGB	26, 127, 108
RGB Percent	10%, 50%, 42%
CMY	0.8980, 0.5020, 0.5765
CMYK	0.80, 0.00, 0.15, 0.50
HSL	169°, 66%, 30%
HSV	169°, 80%, 50%
XYZ	10.7221, 16.4811, 16.8034
YIQ	94.6350, -54.0970, -27.3210

# Conversions

## Conversions Part 2

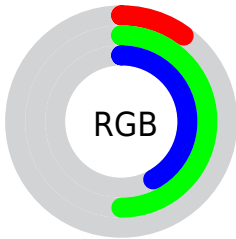
<b>Format</b>	<b>Color</b>
<b>RYB</b>	26, 82, 127
Decimal	1736556
CIELab	47.60, -32.54, 2.38
CIElCh	48, 32.629, 175.823
Yxy	16.4811, 0.2436, 0.3745
Android (android.graphics.Color)	4279926636 (0xFF1A7F6C)
YUV	94.6350, 6.5889, -60.1929
Hunter-Lab	40.5969, -23.9004, 3.8772

# Details

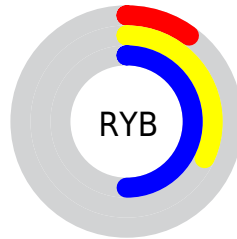
The Hex color **1A7F6C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7F1A2D**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **59B49F**, and **004D3D** is the 20% darker color. If you saturate the color by 10%, you get **0D7F6A**, and if you desaturate by 10%, it is **277F6E**.

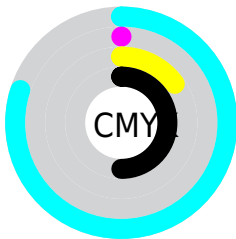
# Distribution



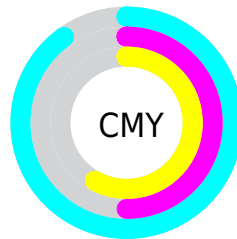
- Red (10%)
- Green (50%)
- Blue (42%)



- Red (10%)
- Yellow (32%)
- Blue (50%)



- Cyan (80%)
- Magenta (0%)
- Yellow (15%)
- Black (50%)



- Cyan (90%)
- Magenta (50%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A7F6C 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 1A7F6C by changing the saturation by 10% instead.





1A7F6C



1A7F6C

FFFFFF



006654



59B49F



004D3D



75D0BA



003527



91EDD6



002212



ADFFF2



000000



CAFFFF



E7FFFF



1A7F6C



1A7F6C



0D7F6A



277F6E

■ 017F67

■ 337F71

■ 007F67

■ 407F73

■ 4D7F76

■ 597F78

■ 667F7A

■ 737F7D

■ 807F7F

■ 8C7F82

# Harmonies

## Analogous

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



497C51



1A7F6C



007F88

# Triad

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



1A7F6C



6E6BA2



9A6444

# Complementary

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



1A7F6C



7F1A2D

# 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.



A55C5A



1A7F6C



906190

# Square

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



1A7F6C



3D75A7



A25B76



866E39

# Rectangle

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



1A7F6C



007D98



A25B76



9F614B



# Sweetspot

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



1A7F6C



7EA69E



2E7F1A



3C5450



D4D4D4



545454



# Same Dimension

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



1A7F6C



08A688



1A617F



39403F



008068



000000



# Inverse Universe

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



7F1A2D



A60826



7F381A



40393B



800018



000000



# Previews

## White Background



This preview shows how the Hex color 1A7F6C looks on a white background.

## Color Contrast Check

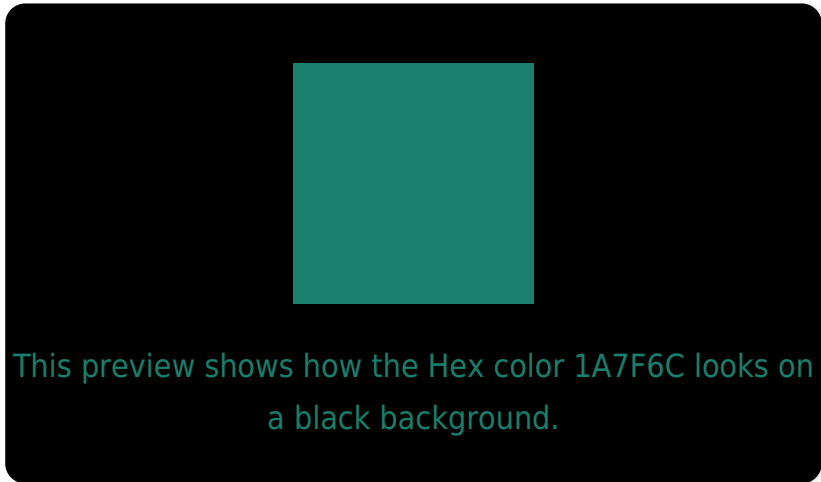
Large Text (above 18pt) WCAG AA ✓ Pass

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

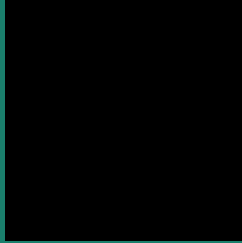
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1A7F6C Background



This preview shows how black text looks on a background with the Hex color 1A7F6C.

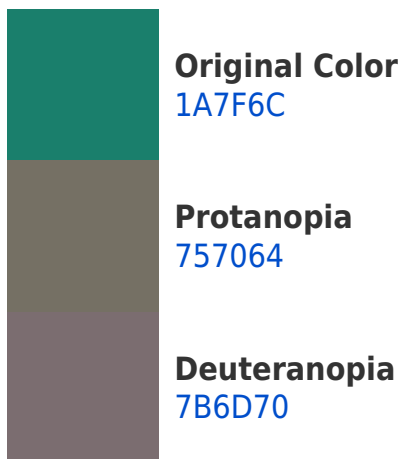


This preview shows how white text looks on a background with the Hex color 1A7F6C.

# 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**  
2B7B85

# Trichromacy



**Original Color**  
1A7F6C

**Protanomaly**  
547567

**Deuteranomaly**  
58746F

**Tritanomaly**  
257C7C

# Monochromacy



**Original Color**  
1A7F6C

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
466B64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A7F6C 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 #1A7F6C looks like.

```
.text, #text, p{  
    color:#1A7F6C  
}
```

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 #1A7F6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A7F6C
}
```

## Border

The CSS property to change the border of an element to Hex 1A7F6C 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
#1A7F6C }
```

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

```
.border{ border-color:#1A7F6C }
```

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

Here you see how a box with a 4 pixel #1A7F6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A7F6C; -webkit-box-shadow:4px 4px  
4px 4px #1A7F6C; box-shadow:4px 4px 4px  
4px #1A7F6C }
```

# Background

The CSS property to change the background color of an element to Hex 1A7F6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A7F6C }
```

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

```
.background{ background-color:#1A7F6C }
```

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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