

# Converting Colors

Hex(18726D)

Have a look what the booklet for  
Hex(18726D) contains.

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# Color

Hex(18726D)

# Conversions

## Conversions Part 1

Format	Color
Hex	18726D
RGB	24, 114, 109
RGB Percent	9%, 45%, 43%
CMY	0.9059, 0.5529, 0.5725
CMYK	0.79, 0.00, 0.04, 0.55
HSL	177°, 65%, 27%
HSV	177°, 79%, 45%
XYZ	9.1543, 13.3329, 16.5590
YIQ	86.5200, -52.0350, -20.6350

# Conversions

## Conversions Part 2

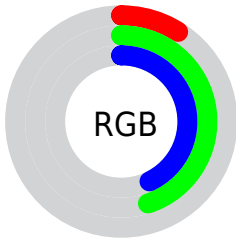
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 70, 114
Decimal	1602157
CIELab	43.26, -26.24, -4.58
CIElCh	43, 26.639, 189.903
Yxy	13.3329, 0.2344, 0.3415
Android (android.graphics.Color)	4279792237 (0xFF18726D)
YUV	86.5200, 11.0826, -54.8300
Hunter-Lab	36.5143, -19.1492, -1.3277

# Details

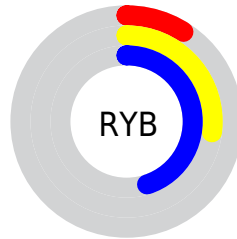
The Hex color **18726D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **72181D**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **55A6A0**, and **00413E** is the 20% darker color. If you saturate the color by 10%, you get **0D726C**, and if you desaturate by 10%, it is **23726E**.

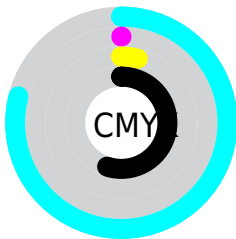
# Distribution



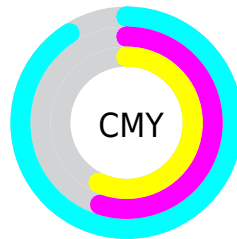
- Red (9%)
- Green (45%)
- Blue (43%)



- Red (9%)
- Yellow (27%)
- Blue (45%)



- Cyan (79%)
- Magenta (0%)
- Yellow (4%)
- Black (55%)



- Cyan (91%)
- Magenta (55%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 18726D 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 18726D by changing the saturation by 10% instead.



 18726D

 18726D

FFFFFF

 005955

 55A6A0

 00413E

 71C2BB

 002B28

 8DDED7

 001414

 A9FAF3

 000000

 C5FFFF

 E2FFFF

 18726D

 18726D

 0D726C

 23726E

■ 01726C

■ 2F726E

■ 00726C

■ 3A726F

■ 467270

■ 517270

■ 5C7271

■ 687271

■ 737272

■ 7F7273

# Harmonies

## Analogous

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



3A7156



18726D



007182

# Triad

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



18726D



725E88



81603D

# Complementary

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



18726D



72181D

# 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.



8E594B



18726D



885776

# Square

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



18726D



526691



915560



6D673A

# Rectangle

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



18726D



1C6E8C



915560



865D41



# Sweetspot

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



18726D



709492



1E7218



354A49



C9C9C9



4A4A4A



# Same Dimension

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



18726D



07948C



184B72



323838



007871



00F7EA



# Inverse Universe

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



72181D



94070F



723F18



383233



780007

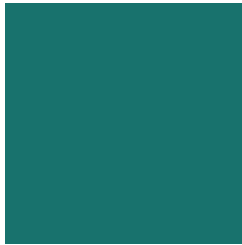


F7000E



# Previews

## White Background



This preview shows how the Hex color 18726D looks on a white background.

## Color Contrast Check

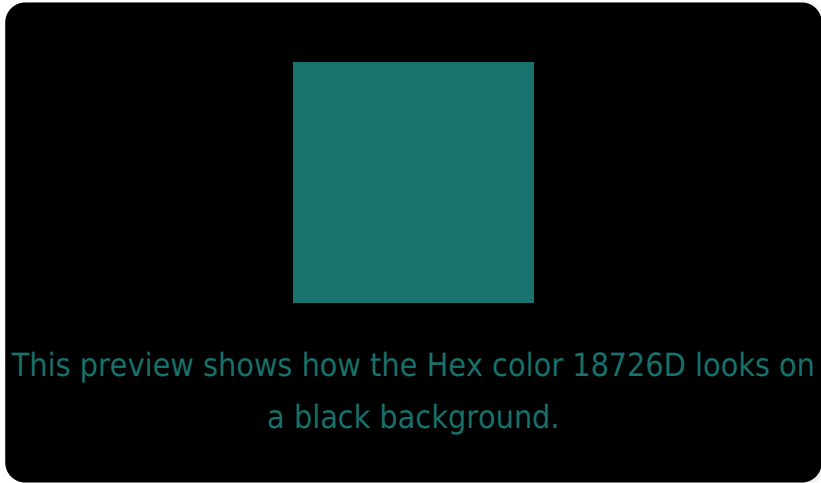
Large Text (above 18pt) WCAG AA ✓ Pass

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

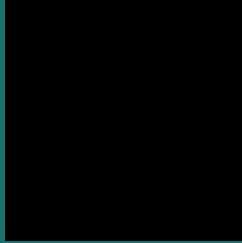
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 18726D Background



This preview shows how black text looks on a background with the Hex color 18726D.

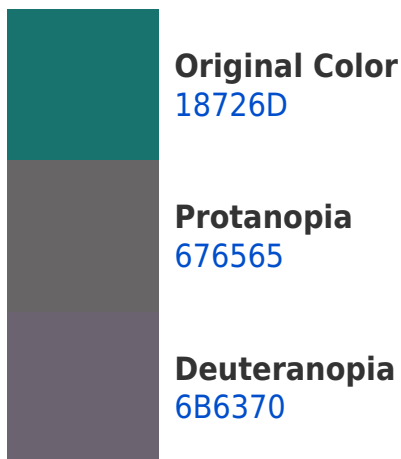


This preview shows how white text looks on a background with the Hex color 18726D.

# 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](#).

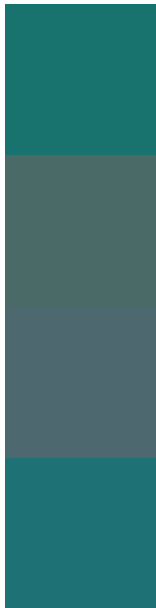
## Dichromacy





**Tritanopia**  
217079

# Trichromacy



**Original Color**  
18726D

**Protanomaly**  
4A6A68

**Deuteranomaly**  
4D686F

**Tritanomaly**  
1E7175

# Monochromacy



**Original Color**  
18726D

**Achromatopsia**  
575757

**Achromatomaly**  
40615F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 18726D 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 #18726D looks like.

```
.text, #text, p{  
    color:#18726D  
}
```

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 #18726D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18726D
}
```

## Border

The CSS property to change the border of an element to Hex 18726D 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
#18726D }
```

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

```
.border{ border-color:#18726D }
```

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

Here you see how a box with a 4 pixel #18726D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18726D; -webkit-box-shadow:4px 4px  
4px 4px #18726D; box-shadow:4px 4px 4px  
4px #18726D }
```

# Background

The CSS property to change the background color of an element to Hex 18726D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18726D }
```

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

```
.background{ background-color:#18726D }
```

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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