

# Converting Colors

Hex(1D776B)

Have a look what the booklet for  
Hex(1D776B) contains.

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# Color

Hex(1D776B)

# Conversions

## Conversions Part 1

Format	Color
Hex	1D776B
RGB	29, 119, 107
RGB Percent	11%, 47%, 42%
CMY	0.8863, 0.5333, 0.5804
CMYK	0.76, 0.00, 0.10, 0.53
HSL	172°, 61%, 29%
HSV	172°, 76%, 47%
XYZ	9.7574, 14.5164, 16.1976
YIQ	90.7220, -49.7880, -22.8120

# Conversions

## Conversions Part 2

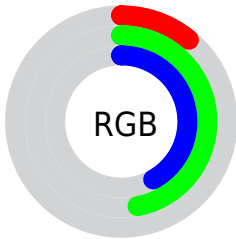
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 77, 119
Decimal	1931115
CIE <sub>Lab</sub>	44.96, -28.66, -0.86
CIE <sub>LCh</sub>	45, 28.673, 181.721
Yxy	14.5164, 0.2411, 0.3587
Android (android.graphics.Color)	4280121195 (0xFF1D776B)
YUV	90.7220, 8.0251, -54.1302
Hunter-Lab	38.1004, -20.9625, 1.4644




# Details

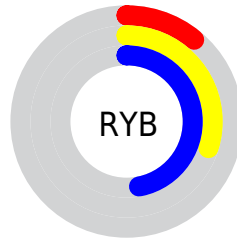
The Hex color **1D776B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **771D29**, and the grayscale version is **5B5B5B**.




A 20% lighter version of the original color is **59AC9E**, and **00463C** is the 20% darker color. If you saturate the color by 10%, you get **117769**, and if you desaturate by 10%, it is **29776D**.

# Distribution







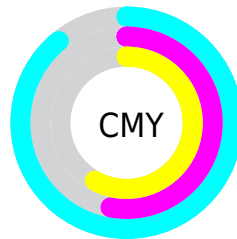
-  Red (11%)
-  Green (47%)
-  Blue (42%)






-  Red (11%)
-  Yellow (30%)
-  Blue (47%)



-  Cyan (76%)
-  Magenta (0%)
-  Yellow (10%)
-  Black (53%)



-  Cyan (89%)
-  Magenta (53%)
-  Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D776B 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 1D776B by changing the saturation by 10% instead.



 1D776B

 1D776B


FFFFFF

 005E53

 59AC9E

 00463C

 74C7B9

 002F26

 90E4D5

 001A12

 ACFFF1


 000000

 C9FFFF

 E6FFFF

 1D776B

 1D776B

 117769

 29776D

■ 057768

■ 35776E

■ 007767

■ 417770

■ 4D7771

■ 587773

■ 647775

■ 707776

■ 7C7778

■ 887779

# Harmonies

## Analogous

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



427553



1D776B



007683

# Triad

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



1D776B



6F6493



8C6141

# Complementary

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



1D776B



771D29

# 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.



975A52



1D776B



8A5B81

# Square

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



1D776B



496C9A



97576A



78693A

# Rectangle

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



1D776B



00748F



97576A



915E46



# Sweetspot

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



1D776B



789C97



29771D



394F4C



CFCFCF



4F4F4F



# Same Dimension

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



1D776B



0E9C89



1D5677



353B3A



007A6A



00FAD9



# Inverse Universe

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



771D29



9C0E21



773E1D



3B3536



7A0010



FA0021



# Previews

## White Background



This preview shows how the Hex color 1D776B 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

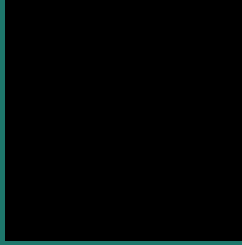
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1D776B Background



This preview shows how black text looks on a background with the Hex color 1D776B.

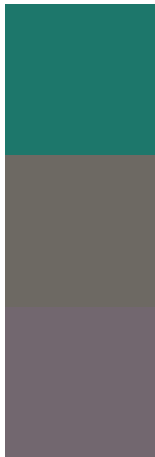


This preview shows how white text looks on a background with the Hex color 1D776B.

# 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**  
1D776B

**Protanopia**  
6D6963

**Deuteranopia**  
72676F



**Tritanopia**  
29747E

# Trichromacy



**Original Color**  
1D776B

**Protanomaly**  
506E66

**Deuteranomaly**  
536D6E

**Tritanomaly**  
257577

# Monochromacy



**Original Color**  
1D776B

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
446561

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D776B 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 #1D776B looks like.

```
.text, #text, p{  
    color:#1D776B  
}
```

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 #1D776B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D776B
}
```

## Border

The CSS property to change the border of an element to Hex 1D776B 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
#1D776B }
```

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

```
.border{ border-color:#1D776B }
```

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

Here you see how a box with a 4 pixel #1D776B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D776B; -webkit-box-shadow:4px 4px  
4px 4px #1D776B; box-shadow:4px 4px 4px  
4px #1D776B }
```

# Background

The CSS property to change the background color of an element to Hex 1D776B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D776B }
```

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

```
.background{ background-color:#1D776B }
```

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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