

Converting Colors

Hex(17745D)

Have a look what the booklet for
Hex(17745D) contains.

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Color

Hex(17745D)

Conversions

Conversions Part 1

Format	Color
Hex	17745D
RGB	23, 116, 93
RGB Percent	9%, 45%, 36%
CMY	0.9098, 0.5451, 0.6353
CMYK	0.80, 0.00, 0.20, 0.55
HSL	165°, 67%, 27%
HSV	165°, 80%, 45%
XYZ	8.5745, 13.4633, 12.5027
YIQ	85.5710, -48.0450, -26.8690

Conversions

Conversions Part 2

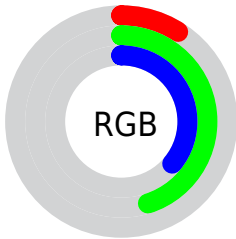
Format	Color
RYB	23, 76, 116
Decimal	1537117
CIELab	43.45, -32.02, 5.30
CIElCh	43, 32.451, 170.608
Yxy	13.4633, 0.2482, 0.3898
Android (android.graphics.Color)	4279727197 (0xFF17745D)
YUV	85.5710, 3.6625, -54.8748
Hunter-Lab	36.6923, -22.4984, 5.4819

Details

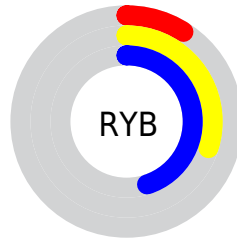
The Hex color **17745D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **74172E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **54A98F**, and **00432F** is the 20% darker color. If you saturate the color by 10%, you get **0B745A**, and if you desaturate by 10%, it is **237460**.

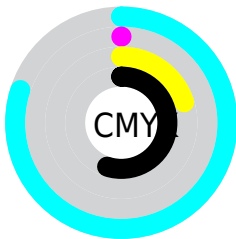
Distribution



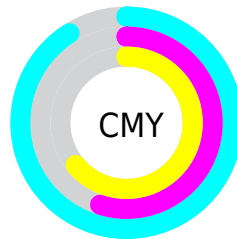
- Red (9%)
- Green (45%)
- Blue (36%)



- Red (9%)
- Yellow (30%)
- Blue (45%)



- Cyan (80%)
- Magenta (0%)
- Yellow (20%)
- Black (55%)




- Cyan (91%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17745D 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 17745D by changing the saturation by 10% instead.

 17745D

 17745D

FFFFFF

 005B45

 54A98F

 00432F

 6FC4AA

 002C1A

 8BE0C5

 001400

 A7FDE1

 000000

 C3FFFE

 E0FFFF

 FEFFFF

 17745D

 17745D

■ 0B745A

■ 237460

■ 007457

■ 2E7463

■ 3A7466

■ 457468

■ 51746B

■ 5D746E

■ 687471

■ 747474

■ 7F7477

Harmonies

Analogous

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



457143



17745D



007479

Triad

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



17745D



5C6399



91593E

Complementary

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



17745D



74172E

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.



9A5155



17745D



805989

Square

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



17745D



246C9B



955170



7E6231

Rectangle

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



17745D



007389



955170



955645

Sweetspot

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



17745D



72968E



2E7417



364D47



CCCCCC



4D4D4D

Same Dimension

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



17745D



069673



175D74



353B39



007A5C



00FABC

Inverse Universe

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



74172E



96062A



742E17



3B3536



7A001E



FA003E

Previews

White Background



This preview shows how the Hex color 17745D looks on a white background.

Color Contrast Check

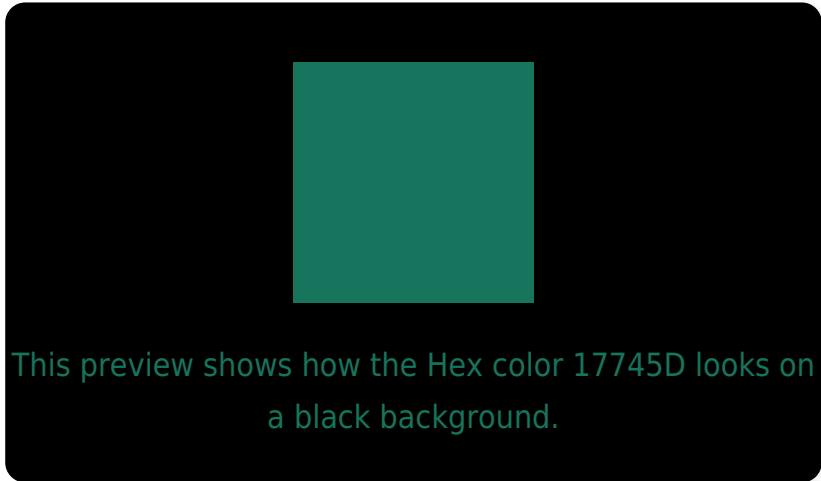
Large Text (above 18pt) WCAG AA ✓ Pass

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

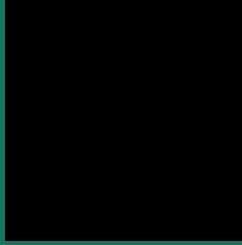
Any Text WCAG AA × Fail

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 17745D Background



This preview shows how black text looks on a background with the Hex color 17745D.

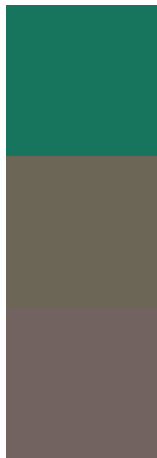


This preview shows how white text looks on a background with the Hex color 17745D.

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
17745D

Protanopia
6C6656

Deuteranopia
726361



Tritanopia
297079

Trichromacy



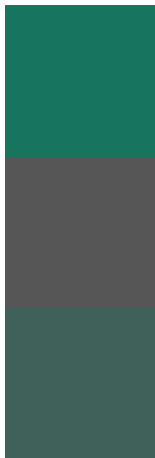
Original Color
17745D

Protanomaly
4D6B59

Deuteranomaly
516960

Tritanomaly
22716F

Monochromacy



Original Color
17745D

Achromatopsia
565656

Achromatomaly
3F6159

CSS Examples

Text

The CSS property to change the color of the text to Hex 17745D 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 #17745D looks like.

```
.text, #text, p{  
    color:#17745D  
}
```

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 #17745D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17745D
}
```

Border

The CSS property to change the border of an element to Hex 17745D 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
#17745D }
```

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

```
.border{ border-color:#17745D }
```

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

Here you see how a box with a 4 pixel #17745D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17745D; -webkit-box-shadow:4px 4px  
4px 4px #17745D; box-shadow:4px 4px 4px  
4px #17745D }
```

Background

The CSS property to change the background color of an element to Hex 17745D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17745D }
```

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

```
.background{ background-color:#17745D }
```

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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