

Converting Colors

Hex(16705E)

Have a look what the booklet for
Hex(16705E) contains.

Hex(16705E)	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(16705E)

Conversions

Conversions Part 1

Format	Color
Hex	16705E
RGB	22, 112, 94
RGB Percent	9%, 44%, 37%
CMY	0.9137, 0.5608, 0.6314
CMYK	0.80, 0.00, 0.16, 0.56
HSL	168°, 67%, 26%
HSV	168°, 80%, 44%
XYZ	8.1454, 12.5671, 12.5861
YIQ	83.0380, -47.8620, -24.6780

Conversions

Conversions Part 2

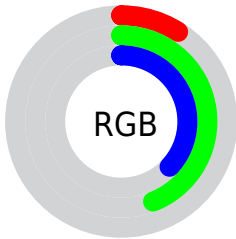
Format	Color
RYB	22, 72, 112
Decimal	1470558
CIELab	42.10, -30.00, 2.75
CIELCh	42, 30.130, 174.758
Yxy	12.5671, 0.2446, 0.3774
Android (android.graphics.Color)	4279660638 (0xFF16705E)
YUV	83.0380, 5.4043, -53.5303
Hunter-Lab	35.4501, -21.0233, 3.7649

Details

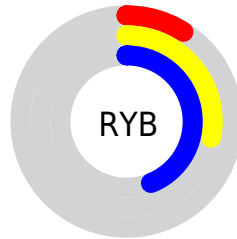
The Hex color **16705E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **701628**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **53A490**, and **003F30** is the 20% darker color. If you saturate the color by 10%, you get **0B705C**, and if you desaturate by 10%, it is **217060**.

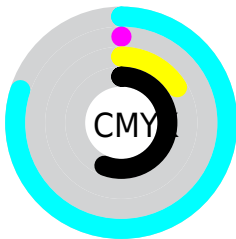
Distribution



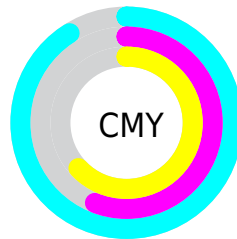
- Red (9%)
- Green (44%)
- Blue (37%)



- Red (9%)
- Yellow (28%)
- Blue (44%)



- Cyan (80%)
- Magenta (0%)
- Yellow (16%)
- Black (56%)



- Cyan (91%)
- Magenta (56%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16705E 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 16705E by changing the saturation by 10% instead.

 16705E

 16705E

FFFFFF

 005746

 53A490

 003F30

 6EC0AB

 00291B

 89DCC6

 000E01

 A5F8E2

 000000

 C2FFFF

 DEFFFF

 FCFFFF

 16705E

 16705E

■ 0B705C

■ 217060

■ 00705A

■ 2C7062

■ 387065

■ 437067

■ 4E7069

■ 59706B

■ 64706E

■ 707070

■ 7B7072

Harmonies

Analogous

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



416D46



16705E



007077

Triad

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



16705E



5F5F90



89583C

Complementary

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



16705E



701628

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.



925150



16705E



7E5580

Square

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



16705E



326794



8F5069



776031

Rectangle

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



16705E



006E86



8F5069



8D5542

Sweetspot

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



16705E



6E918A



287016



354A46



C9C9C9



4A4A4A

Same Dimension

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



16705E



069175



165570



323837



007860



00F7C6

Inverse Universe

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



701628



910622



703116



383234



780018



F70031

Previews

White Background



This preview shows how the Hex color 16705E looks on a white background.

Color Contrast Check

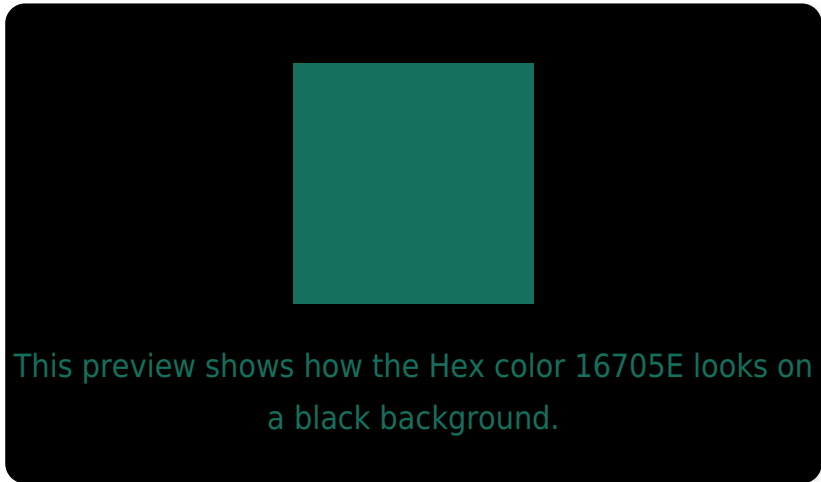
Large Text (above 18pt) WCAG AA ✓ Pass

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

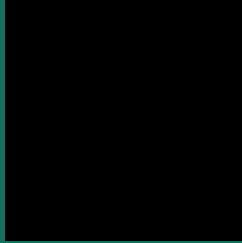
Any Text WCAG AA × Fail

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 16705E Background



This preview shows how black text looks on a background with the Hex color 16705E.

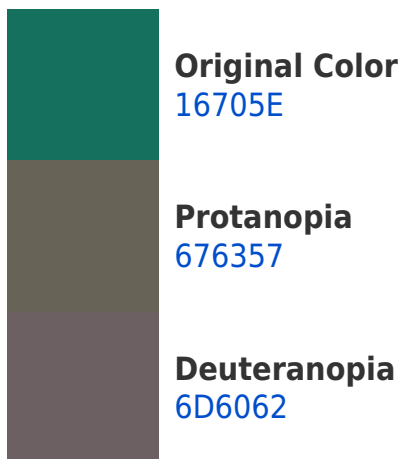


This preview shows how white text looks on a background with the Hex color 16705E.

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
266D76

Trichromacy



Original Color
16705E

Protanomaly
4A685A

Deuteranomaly
4D6661

Tritanomaly
206E6D

Monochromacy



Original Color
16705E

Achromatopsia
535353

Achromatomaly
3D5E57

CSS Examples

Text

The CSS property to change the color of the text to Hex 16705E 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 #16705E looks like.

```
.text, #text, p{  
    color:#16705E  
}
```

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 #16705E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16705E
}
```

Border

The CSS property to change the border of an element to Hex 16705E 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
#16705E }
```

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

```
.border{ border-color:#16705E }
```

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

Here you see how a box with a 4 pixel #16705E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16705E; -webkit-box-shadow:4px 4px  
4px 4px #16705E; box-shadow:4px 4px 4px  
4px #16705E }
```

Background

The CSS property to change the background color of an element to Hex 16705E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16705E }
```

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

```
.background{ background-color:#16705E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor