

Converting Colors

Hex(0F785E)

Have a look what the booklet for
Hex(0F785E) contains.

Hex(0F785E)	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(0F785E)

Conversions

Conversions Part 1

Format	Color
Hex	0F785E
RGB	15, 120, 94
RGB Percent	6%, 47%, 37%
CMY	0.9412, 0.5294, 0.6314
CMYK	0.88, 0.00, 0.22, 0.53
HSL	165°, 78%, 26%
HSV	165°, 88%, 47%
XYZ	8.9339, 14.3427, 12.8872
YIQ	85.6410, -54.2340, -30.3460

Conversions

Conversions Part 2

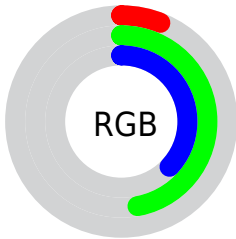
Format	Color
RYB	15, 75, 120
Decimal	1013854
CIELab	44.72, -34.39, 6.49
CIElCh	45, 34.997, 169.307
Yxy	14.3427, 0.2470, 0.3966
Android (android.graphics.Color)	4279203934 (0xFF0F785E)
YUV	85.6410, 4.1210, -61.9522
Hunter-Lab	37.8717, -24.1677, 6.3346

Details

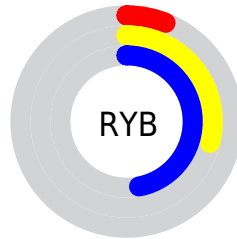
The Hex color **0F785E** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **780F29**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **51AD90**, and **004630** is the 20% darker color. If you saturate the color by 10%, you get **03785B**, and if you desaturate by 10%, it is **1B7861**.

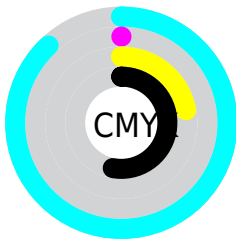
Distribution



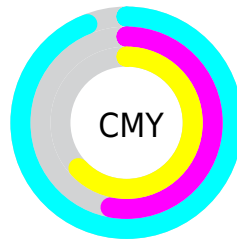
- Red (6%)
- Green (47%)
- Blue (37%)



- Red (6%)
- Yellow (29%)
- Blue (47%)



- Cyan (88%)
- Magenta (0%)
- Yellow (22%)
- Black (53%)



- Cyan (94%)
- Magenta (53%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F785E 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 0F785E by changing the saturation by 10% instead.



0F785E



0F785E

FFFFFF



005F46



51AD90



004630



6DC9AB



002F1B



89E5C6



001900



A5FFE2



000000



C2FFFF



DFFFFFF



FCFFFF



0F785E



0F785E

■ 03785B

■ 1B7861

■ 00785A

■ 277864

■ 337867

■ 3F786A

■ 4B786D

■ 577870

■ 637873

■ 6F7876

■ 7B7879

Harmonies

Analogous

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



477542



0F785E



00797C

Triad

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



0F785E



5B66A1



985A3F

Complementary

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



0F785E



780F29

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.



A15258



0F785E



845B90

Square

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



0F785E



1370A3



9B5375



84652F

Rectangle

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



0F785E



00778E



9B5375



9D5746

Sweetspot

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



0F785E



739C92



29780F



374F49



CFCFCF



4F4F4F

Same Dimension

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



0F785E



009C75



0F5E78



373D3C



007D5E



00FCBE

Inverse Universe

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



780F29



9C0027



78290F



3D3739



7D001F



FC003F

Previews

White Background



This preview shows how the Hex color 0F785E looks on a white background.

Color Contrast Check

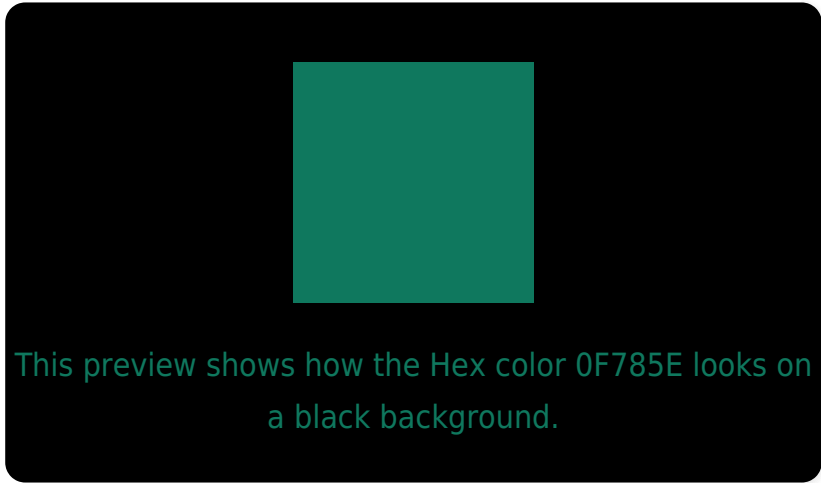
Large Text (above 18pt) WCAG AA ✓ Pass

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

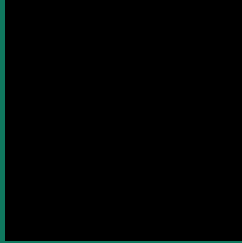
Any Text WCAG AA × Fail

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 0F785E Background



This preview shows how black text looks on a background with the Hex color 0F785E.

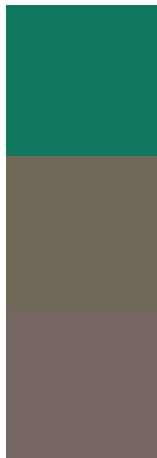


This preview shows how white text looks on a background with the Hex color 0F785E.

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
0F785E

Protanopia
6F6957

Deuteranopia
766662

Trichromacy



Original Color
0F785E



Protanomaly
4C6E5A



Deuteranomaly
516D61



Tritanomaly
1E7572

Monochromacy



Original Color
0F785E



Achromatopsia
565656



Achromatomaly
3C6259

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F785E 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 #0F785E looks like.

```
.text, #text, p{  
    color:#0F785E  
}
```

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 #0F785E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F785E
}
```

Border

The CSS property to change the border of an element to Hex 0F785E 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
#0F785E }
```

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

```
.border{ border-color:#0F785E }
```

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

Here you see how a box with a 4 pixel #0F785E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F785E; -webkit-box-shadow:4px 4px  
4px 4px #0F785E; box-shadow:4px 4px 4px  
4px #0F785E }
```

Background

The CSS property to change the background color of an element to Hex 0F785E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F785E }
```

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

```
.background{ background-color:#0F785E }
```

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