

Converting Colors

Hex(0B786D)

Have a look what the booklet for
Hex(0B786D) contains.

Hex(0B786D)	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(0B786D)

Conversions

Conversions Part 1

Format	Color
Hex	0B786D
RGB	11, 120, 109
RGB Percent	4%, 47%, 43%
CMY	0.9569, 0.5294, 0.5725
CMYK	0.91, 0.00, 0.09, 0.53
HSL	174°, 83%, 26%
HSV	174°, 91%, 47%
XYZ	9.6148, 14.6082, 16.7809
YIQ	86.1550, -61.4330, -26.5290

Conversions

Conversions Part 2

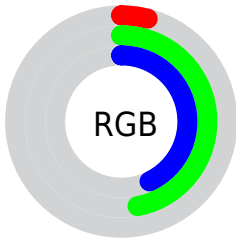
Format	Color
RYB	11, 68, 120
Decimal	751725
CIELab	45.09, -30.36, -1.90
CIELCh	45, 30.418, 183.576
Yxy	14.6082, 0.2345, 0.3563
Android (android.graphics.Color)	4278941805 (0xFF0B786D)
YUV	86.1550, 11.2626, -65.9109
Hunter-Lab	38.2207, -21.9828, 0.7230

Details

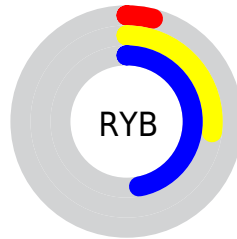
The Hex color **0B786D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **780B16**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **51ADA0**, and **00473E** is the 20% darker color. If you saturate the color by 10%, you get **00786C**, and if you desaturate by 10%, it is **17786E**.

Distribution



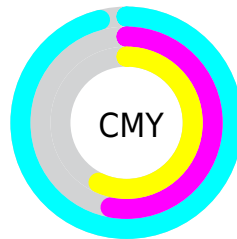
- Red (4%)
- Green (47%)
- Blue (43%)



- Red (4%)
- Yellow (27%)
- Blue (47%)



- Cyan (91%)
- Magenta (0%)
- Yellow (9%)
- Black (53%)



- Cyan (96%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B786D 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 0B786D by changing the saturation by 10% instead.

 0B786D

 0B786D

FFFFFF

 005F55

 51ADA0

 00473E

 6EC8BB

 002F28

 8AE5D7

 001B13

 A6FFF3

 000000

 C3FFFF

 E0FFFF

FEFFFF

 0B786D

 0B786D

■ 00786C

■ 17786E

■ 23786F

■ 2F7871

■ 3B7872

■ 477873

■ 537874

■ 5F7875

■ 6B7877

■ 777878

Harmonies

Analogous

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



3D7653



0B786D



007786

Triad

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



0B786D



716395



8D613E

Complementary

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



0B786D



780B16

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.



9A5950



0B786D



8D5A82

Square

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



0B786D



486C9D



9A5669



786A37

Rectangle

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



0B786D



007593



9A5669



925E43

Sweetspot

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



0B786D



729C97



18780B



364F4C



CFCFCF



4F4F4F

Same Dimension

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



0B786D



009C8C



0B4E78



373D3D



007D70



00FCE3

Inverse Universe

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



780B16



9C0010



78350B



3D3738



7D000D



FC0019

Previews

White Background



This preview shows how the Hex color 0B786D 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

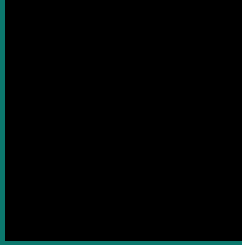
Any Text WCAG AA × Fail

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 0B786D Background



This preview shows how black text looks on a background with the Hex color 0B786D.



This preview shows how white text looks on a background with the Hex color 0B786D.

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
0B786D

Protanopia
6D6A65

Deuteranopia
726771



Tritanopia
1F757F

Trichromacy



Original Color
0B786D



Protanomaly
496F68



Deuteranomaly
4D6D70



Tritanomaly
187678

Monochromacy



Original Color
0B786D



Achromatopsia
565656



Achromatomaly
3B625E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B786D 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 #0B786D looks like.

```
.text, #text, p{  
    color:#0B786D  
}
```

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 #0B786D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B786D
}
```

Border

The CSS property to change the border of an element to Hex 0B786D 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
#0B786D }
```

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

```
.border{ border-color:#0B786D }
```

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

Here you see how a box with a 4 pixel #0B786D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B786D; -webkit-box-shadow:4px 4px  
4px 4px #0B786D; box-shadow:4px 4px 4px  
4px #0B786D }
```

Background

The CSS property to change the background color of an element to Hex 0B786D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B786D }
```

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

```
.background{ background-color:#0B786D }
```

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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