

Converting Colors

Hex(0D745B)

Have a look what the booklet for
Hex(0D745B) contains.

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Color

Hex(0D745B)

Conversions

Conversions Part 1

Format	Color
Hex	0D745B
RGB	13, 116, 91
RGB Percent	5%, 45%, 36%
CMY	0.9490, 0.5451, 0.6431
CMYK	0.89, 0.00, 0.22, 0.55
HSL	165°, 80%, 25%
HSV	165°, 89%, 45%
XYZ	8.2997, 13.3317, 12.0334
YIQ	82.3530, -53.3630, -29.6110

Conversions

Conversions Part 2

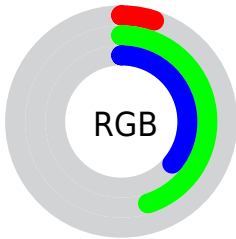
Format	Color
RYB	13, 72, 116
Decimal	881755
CIELab	43.26, -33.60, 6.19
CIELCh	43, 34.166, 169.558
Yxy	13.3317, 0.2465, 0.3960
Android (android.graphics.Color)	4279071835 (0xFF0D745B)
YUV	82.3530, 4.2630, -60.8226
Hunter-Lab	36.5126, -23.3220, 6.0187

Details

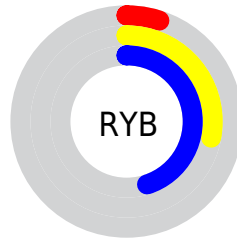
The Hex color **0D745B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **740D26**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **4FA98D**, and **00432D** is the 20% darker color. If you saturate the color by 10%, you get **017458**, and if you desaturate by 10%, it is **19745E**.

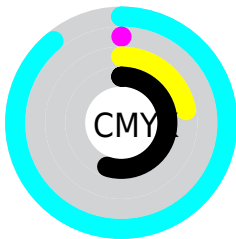
Distribution



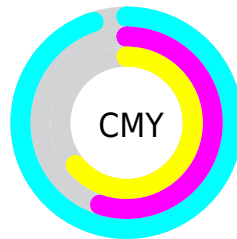
- Red (5%)
- Green (45%)
- Blue (36%)



- Red (5%)
- Yellow (28%)
- Blue (45%)



- Cyan (89%)
- Magenta (0%)
- Yellow (22%)
- Black (55%)



- Cyan (95%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D745B 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 0D745B by changing the saturation by 10% instead.



0D745B



0D745B

FFFFFF



005B44



4FA98D



00432D



6BC4A7



002C19



87E0C3



001400



A3FDDF



000000



BFFFFB



DCFFFF



FAFFFF



0D745B



0D745B

■ 017458

■ 19745E

■ 007458

■ 247461

■ 307463

■ 3B7466

■ 477469

■ 53746C

■ 5E746F

■ 6A7472

■ 757474

Harmonies

Analogous

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



447140



0D745B



007578

Triad

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



0D745B



59639B



93573C

Complementary

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



0D745B



740D26

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.



9C4F55



0D745B



7F588B

Square

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



0D745B



136C9D



965071



80612D

Rectangle

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



0D745B



007389



965071



975444

Sweetspot

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



0D745B



6E968D



27740D



344D47



CCCCCC



4D4D4D

Same Dimension

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



0D745B



009672



0D5A74



353B39



007A5D



00FABD

Inverse Universe

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



740D26



960025



74270D



3B3536



7A001E



FA003D

Previews

White Background



This preview shows how the Hex color 0D745B looks on a white background.

Color Contrast Check

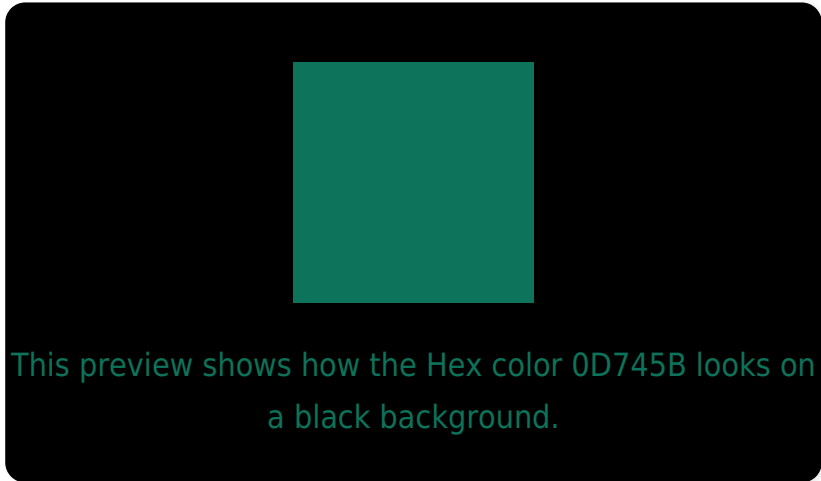
Large Text (above 18pt) WCAG AA ✓ Pass

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

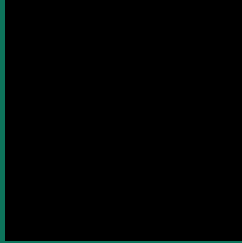
Any Text WCAG AA × Fail

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 0D745B Background



This preview shows how black text looks on a background with the Hex color 0D745B.



This preview shows how white text looks on a background with the Hex color 0D745B.

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
0D745B

Protanopia
6C6654

Deuteranopia
72625F



Tritanopia
257079

Trichromacy



Original Color
0D745B



Protanomaly
496B57



Deuteranomaly
4D695E



Tritanomaly
1C716E

Monochromacy



Original Color
0D745B



Achromatopsia
525252



Achromatomaly
395E55

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D745B 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 #0D745B looks like.

```
.text, #text, p{  
    color:#0D745B  
}
```

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 #0D745B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D745B
}
```

Border

The CSS property to change the border of an element to Hex 0D745B 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
#0D745B }
```

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

```
.border{ border-color:#0D745B }
```

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

Here you see how a box with a 4 pixel #0D745B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D745B; -webkit-box-shadow:4px 4px  
4px 4px #0D745B; box-shadow:4px 4px 4px  
4px #0D745B }
```

Background

The CSS property to change the background color of an element to Hex 0D745B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D745B }
```

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

```
.background{ background-color:#0D745B }
```

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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