

Converting Colors

Hex(00745A)

Have a look what the booklet for
Hex(00745A) contains.

Hex(00745A)	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(00745A)

Conversions

Conversions Part 1

Format	Color
Hex	00745A
RGB	0, 116, 90
RGB Percent	0%, 45%, 35%
CMY	1.0000, 0.5451, 0.6471
CMYK	1.00, 0.00, 0.22, 0.55
HSL	167°, 100%, 23%
HSV	167°, 100%, 45%
XYZ	8.0909, 13.2290, 11.7999
YIQ	78.3520, -60.7900, -32.6780

Conversions

Conversions Part 2

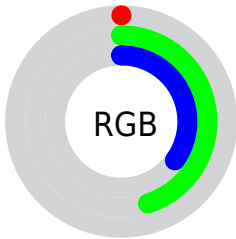
Format	Color
RYB	0, 65, 116
Decimal	29786
CIELab	43.11, -34.82, 6.55
CIElCh	43, 35.431, 169.340
Yxy	13.2290, 0.2443, 0.3994
Android (android.graphics.Color)	4278219866 (0xFF00745A)
YUV	78.3520, 5.7425, -68.7147
Hunter-Lab	36.3716, -23.9431, 6.2250

Details

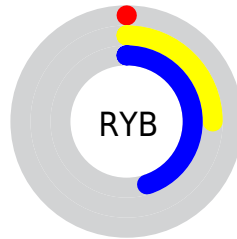
The Hex color **00745A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **74001A**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **4BA98C**, and **00432C** is the 20% darker color. If you saturate the color by 10%, you get **00745A**, and if you desaturate by 10%, it is **0C745D**.

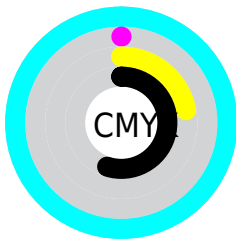
Distribution



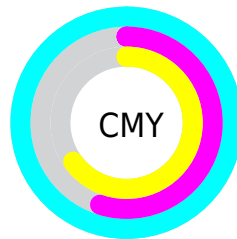
- Red (0%)
- Green (45%)
- Blue (35%)



- Red (0%)
- Yellow (25%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00745A 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 00745A by changing the saturation by 10% instead.

 00745A

 00745A

FFFFFF

 005B43

 4BA98C

 00432C

 68C4A6

 002C18

 83E1C2

 001300

 A0FDDD

 000000

 BCFFFA

 D9FFFF

 F7FFFF

 00745A

 0C745D


 17745F

 237462

 2E7464

 3A7467

 46746A

 51746C

 5D746F

 687471

Harmonies

Analogous

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



42713E



00745A



007578

Triad

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



00745A



57629D



94563A

Complementary

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



00745A



74001A

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.



9D4E54



00745A



80578C

Square

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



00745A



006C9F



974E72



80612B

Rectangle

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



00745A



00738A



974E72



985342

Sweetspot

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



00745A



69968C



1B7400



314D46



CCCCCC



4D4D4D

Same Dimension

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



00745A



009675



005574



353B39



007A5F



00FAC2

Inverse Universe

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



74001A



960022



741F00



3B3536



7A001B



FA0038

Previews

White Background



This preview shows how the Hex color 00745A looks on a white background.

Color Contrast Check

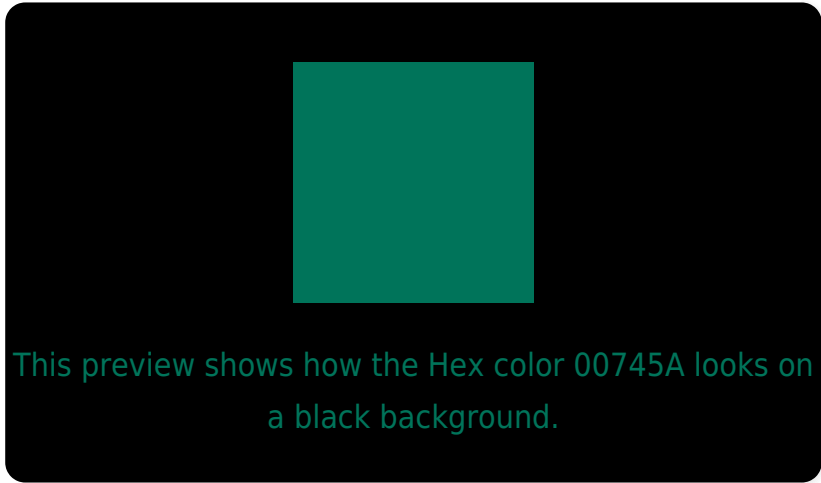
Large Text (above 18pt) WCAG AA ✓ Pass

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

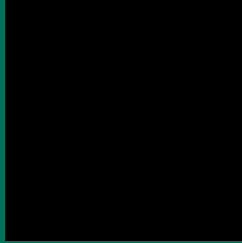
Any Text WCAG AA × Fail

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 00745A Background



This preview shows how black text looks on a background with the Hex color 00745A.

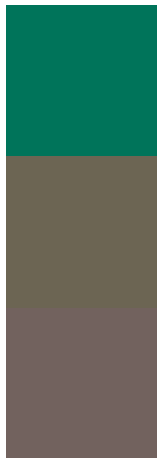


This preview shows how white text looks on a background with the Hex color 00745A.

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
00745A

Protanopia
6C6553

Deuteranopia
72625E



Tritanopia
247079

Trichromacy



Original Color
00745A



Protanomaly
456A56



Deuteranomaly
49695D



Tritanomaly
17716E

Monochromacy



Original Color
00745A



Achromatopsia
4E4E4E



Achromatomaly
325C52

CSS Examples

Text

The CSS property to change the color of the text to Hex 00745A 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 #00745A looks like.

```
.text, #text, p{  
    color:#00745A  
}
```

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 #00745A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00745A
}
```

Border

The CSS property to change the border of an element to Hex 00745A 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
#00745A }
```

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

```
.border{ border-color:#00745A }
```

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

Here you see how a box with a 4 pixel #00745A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00745A; -webkit-box-shadow:4px 4px  
4px 4px #00745A; box-shadow:4px 4px 4px  
4px #00745A }
```

Background

The CSS property to change the background color of an element to Hex 00745A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00745A }
```

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

```
.background{ background-color:#00745A }
```

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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