

Converting Colors

Hex(00715A)

Have a look what the booklet for
Hex(00715A) contains.

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Color

Hex(00715A)

Conversions

Conversions Part 1

Format	Color
Hex	00715A
RGB	0, 113, 90
RGB Percent	0%, 44%, 35%
CMY	1.0000, 0.5569, 0.6471
CMYK	1.00, 0.00, 0.20, 0.56
HSL	168°, 100%, 22%
HSV	168°, 100%, 44%
XYZ	7.7506, 12.5484, 11.6865
YIQ	76.5910, -59.9650, -31.1090

Conversions

Conversions Part 2

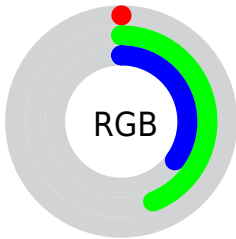
Format	Color
RYB	0, 63, 113
Decimal	29018
CIELab	42.07, -33.50, 5.08
CIELCh	42, 33.884, 171.374
Yxy	12.5484, 0.2423, 0.3923
Android (android.graphics.Color)	4278219098 (0xFF00715A)
YUV	76.5910, 6.6106, -67.1703
Hunter-Lab	35.4238, -22.9365, 5.2366

Details

The Hex color **00715A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **710017**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **4BA68C**, and **00402C** is the 20% darker color. If you saturate the color by 10%, you get **00715A**, and if you desaturate by 10%, it is **0B715C**.

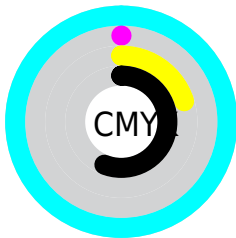
Distribution



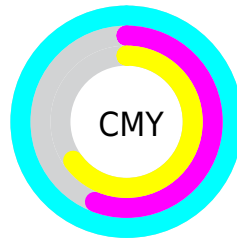
- Red (0%)
- Green (44%)
- Blue (35%)



- Red (0%)
- Yellow (25%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (56%)



- Cyan (100%)
- Magenta (56%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00715A 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 00715A by changing the saturation by 10% instead.

 00715A

 00715A

FFFFFF

 005843

 4BA68C

 00402C

 67C1A6

 002A18

 82DDC2

 000E00

 9EFADD

 000000

 BBFFFA

 D8FFFF

 F5FFFF

 00715A

■ 0B715C

■ 17715F

■ 227161

■ 2D7163

■ 397166

■ 447168

■ 4F716A

■ 5A716C

■ 66716F

Harmonies

Analogous

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



3F6E3F



00715A



007177

Triad

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



00715A



585F97



8F5539

Complementary

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



00715A



710017

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.



984D50



00715A



7E5486

Square

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



00715A



17699A



934D6D



7B5F2B

Rectangle

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



00715A



007087



934D6D



935240

Sweetspot

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



00715A



68948B



187100



2F4A45



C9C9C9



4A4A4A

Same Dimension

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



00715A



009476



005171



323837



00785F



00F7C5

Inverse Universe

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



710017



94001E



712000



383234



780018



F70032

Previews

White Background



This preview shows how the Hex color 00715A looks on a white background.

Color Contrast Check

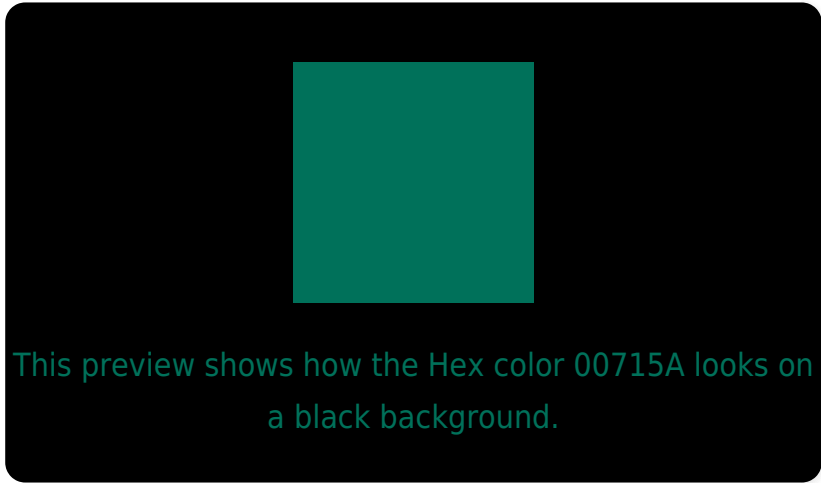
Large Text (above 18pt) WCAG AA ✓ Pass

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

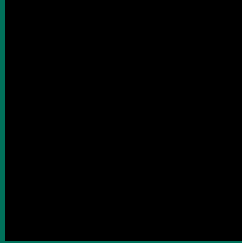
Any Text WCAG AA × Fail

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 00715A Background



This preview shows how black text looks on a background with the Hex color 00715A.



This preview shows how white text looks on a background with the Hex color 00715A.

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
00715A

Protanopia
696353

Deuteranopia
6F605E



Tritanopia
226D76

Trichromacy



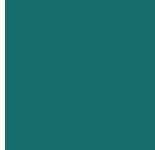
Original Color
00715A



Protanomaly
436856



Deuteranomaly
47665D



Tritanomaly
166E6C

Monochromacy



Original Color
00715A



Achromatopsia
4D4D4D



Achromatomaly
315A52

CSS Examples

Text

The CSS property to change the color of the text to Hex 00715A 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 #00715A looks like.

```
.text, #text, p{  
    color:#00715A  
}
```

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 #00715A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00715A
}
```

Border

The CSS property to change the border of an element to Hex 00715A 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
#00715A }
```

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

```
.border{ border-color:#00715A }
```

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

Here you see how a box with a 4 pixel #00715A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00715A; -webkit-box-shadow:4px 4px  
4px 4px #00715A; box-shadow:4px 4px 4px  
4px #00715A }
```

Background

The CSS property to change the background color of an element to Hex 00715A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00715A }
```

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

```
.background{ background-color:#00715A }
```

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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