

Converting Colors

Hex(76815D)

Have a look what the booklet for
Hex(76815D) contains.

Hex(76815D)	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(76815D)

Conversions

Conversions Part 1

Format	Color
Hex	76815D
RGB	118, 129, 93
RGB Percent	46%, 51%, 36%
CMY	0.5373, 0.4941, 0.6353
CMYK	0.09, 0.00, 0.28, 0.49
HSL	78°, 16%, 44%
HSV	78°, 28%, 51%
XYZ	17.2973, 20.3424, 13.3707
YIQ	121.6070, 5.0000, -13.5280

Conversions

Conversions Part 2

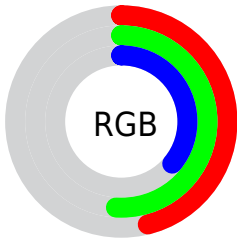
Format	Color
R_{YB}	93, 129, 104
Decimal	7766365
CIE _{Lab}	52.22, -10.72, 18.21
CIE _{LCh}	52, 21.133, 120.468
Yxy	20.3424, 0.3391, 0.3988
Android (android.graphics.Color)	4285956445 (0xFF76815D)
YUV	121.6070, -14.1033, -3.1633
Hunter-Lab	45.1025, -10.4729, 13.9951

Details

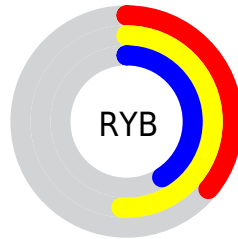
The Hex color **76815D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **685D81**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **AAB690**, and **45502F** is the 20% darker color. If you saturate the color by 10%, you get **728150**, and if you desaturate by 10%, it is **7A816A**.

Distribution



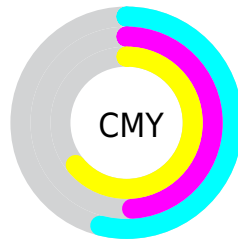
- Red (46%)
- Green (51%)
- Blue (36%)



- Red (36%)
- Yellow (51%)
- Blue (41%)



- Cyan (9%)
- Magenta (0%)
- Yellow (28%)
- Black (49%)



- Cyan (54%)
- Magenta (49%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76815D 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 76815D by changing the saturation by 10% instead.

 76815D

 76815D

FFFFFF

 5D6845

 AAB690

 45502F

 C6D1AA

 2E3919

 E2EEC5

 1A2300

 FFFFE1

 000F00

FFFFFFE

 000000

 76815D

 76815D

 728150

 7A816A

 6E8143

 7E8177

■ 6A8136

■ 828184

■ 668129

■ 868191

■ 62811D

■ 8A819D

■ 5E8110

■ 8E81AA

■ 5A8103

■ 9281B7

■ 5A8100

■ 9681C4

■ 9981D1

Harmonies

Analogous

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



897B58



76815D



61856A

Triad

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



76815D



4F839C



9F6F7D

Complementary

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



76815D



685D81

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.



94728F



76815D



667EA0

Square

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



76815D



46868E



80789C



A1716B

Rectangle

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



76815D



548676



80789C



9D7083

Sweetspot

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



76815D



A4A89B



81685D



52544C



D4D4D4



545454

Same Dimension

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



76815D



97A871



64815D



3E4039



598000



000000

Inverse Universe

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



685D81



8271A8



7A5D81



3B3940



270080



000000

Previews

White Background



This preview shows how the Hex color 76815D looks on a white background.

Color Contrast Check

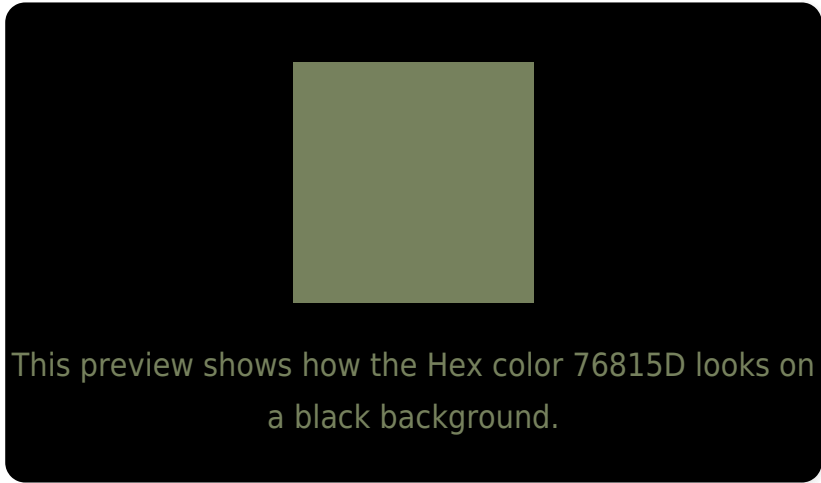
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

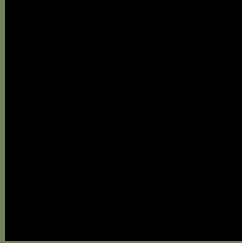
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 76815D Background



This preview shows how black text looks on a background with the Hex color 76815D.



This preview shows how white text looks on a background with the Hex color 76815D.

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
76815D

Protanopia
867C5B

Deuteranopia
92775F



Tritanopia
7C7C86

Trichromacy



Original Color
76815D

Protanomaly
807E5C

Deuteranomaly
887B5E

Tritanomaly
7A7E77

Monochromacy



Original Color
76815D

Achromatopsia
7A7A7A

Achromatomaly
797D6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 76815D 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 #76815D looks like.

```
.text, #text, p{  
    color:#76815D  
}
```

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 #76815D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76815D
}
```

Border

The CSS property to change the border of an element to Hex 76815D 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
#76815D }
```

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

```
.border{ border-color:#76815D }
```

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

Here you see how a box with a 4 pixel #76815D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76815D; -webkit-box-shadow:4px 4px  
4px 4px #76815D; box-shadow:4px 4px 4px  
4px #76815D }
```

Background

The CSS property to change the background color of an element to Hex 76815D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76815D }
```

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

```
.background{ background-color:#76815D }
```

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