

Converting Colors

Hex(83795D)

Have a look what the booklet for
Hex(83795D) contains.

Hex(83795D)	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(83795D)

Conversions

Conversions Part 1

Format	Color
Hex	83795D
RGB	131, 121, 93
RGB Percent	51%, 47%, 36%
CMY	0.4863, 0.5255, 0.6353
CMYK	0.00, 0.08, 0.29, 0.49
HSL	44°, 17%, 44%
HSV	44°, 29%, 51%
XYZ	18.1732, 19.2904, 13.1215
YIQ	120.7980, 14.9480, -6.5880

Conversions

Conversions Part 2

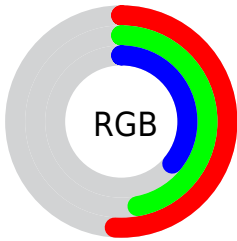
Format	Color
RYB	107, 131, 93
Decimal	8616285
CIELab	51.03, -0.85, 16.77
CIElCh	51, 16.794, 92.907
Yxy	19.2904, 0.3593, 0.3813
Android (android.graphics.Color)	4286806365 (0xFF83795D)
YUV	120.7980, -13.7044, 8.9472
Hunter-Lab	43.9208, -3.0029, 13.0314

Details

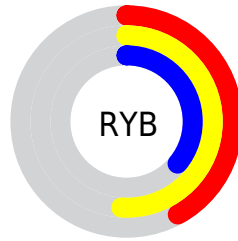
The Hex color **83795D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5D6783**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B8AD8F**, and **51492F** is the 20% darker color. If you saturate the color by 10%, you get **837650**, and if you desaturate by 10%, it is **837C6A**.

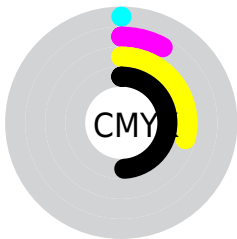
Distribution



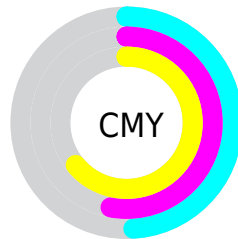
- Red (51%)
- Green (47%)
- Blue (36%)



- Red (42%)
- Yellow (51%)
- Blue (36%)



- Cyan (0%)
- Magenta (8%)
- Yellow (29%)
- Black (49%)



- Cyan (49%)
- Magenta (53%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83795D 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 83795D by changing the saturation by 10% instead.



83795D



83795D

FFFFFF



6A6045



B8AD8F



51492F



D4C9AA



39321A



F1E5C5



241D00



FFFFE1



040400

FFFFFFE



000000



83795D



83795D



837650



837C6A



837243



838077

836F36

838384

836B29

838791

83681B

838A9E

83640E

838EAC

836101

8391B9

836100

8395C6

8398D3

Harmonies

Analogous

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



907460



83795D



737D61

Triad

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



83795D



518189



8D7187

Complementary

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



83795D



5D6783

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.



7E7592



83795D



597F93

Square

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



83795D



56827A



6B7A96



966F79

Rectangle

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



83795D



688068



6B7A96



89728B

Sweetspot

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



83795D



ABA79B



835D67



57544D



D6D6D6



575757

Same Dimension

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



83795D



AB9B6F



7A835D



42413C



826000



030200

Inverse Universe

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



5D6783



6F7FAB



665D83



3C3D42



002282



000103

Previews

White Background



This preview shows how the Hex color 83795D looks on a white background.

Color Contrast Check

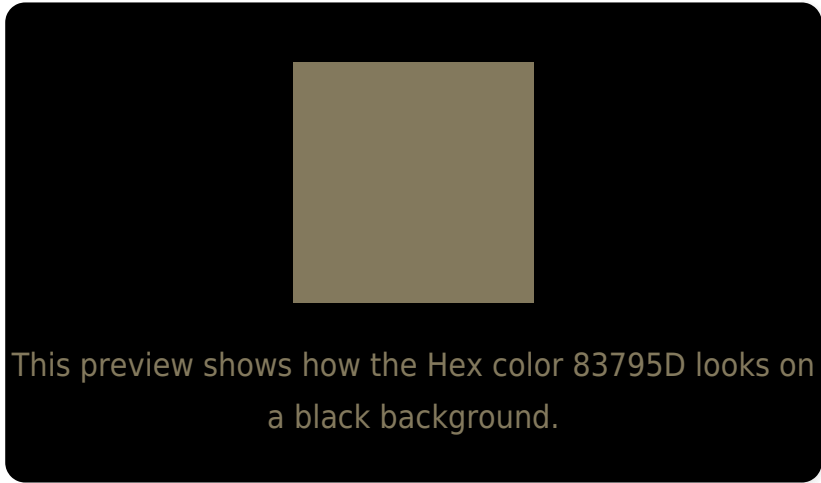
Large Text (above 18pt) WCAG AA ✓ Pass

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

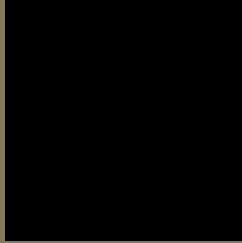
Any Text WCAG AA ✓ Pass

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 83795D Background



This preview shows how black text looks on a background with the Hex color 83795D.



This preview shows how white text looks on a background with the Hex color 83795D.

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
83795D

Protanopia
82795D

Deuteranopia
8F755E



Tritanopia
87757E

Trichromacy



Original Color
83795D

Protanomaly
82795D

Deuteranomaly
8B765E

Tritanomaly
867672

Monochromacy



Original Color
83795D

Achromatopsia
797979

Achromatomaly
7D796F

CSS Examples

Text

The CSS property to change the color of the text to Hex 83795D 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 #83795D looks like.

```
.text, #text, p{  
    color:#83795D  
}
```

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 #83795D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83795D
}
```

Border

The CSS property to change the border of an element to Hex 83795D 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
#83795D }
```

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

```
.border{ border-color:#83795D }
```

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

Here you see how a box with a 4 pixel #83795D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83795D; -webkit-box-shadow:4px 4px  
4px 4px #83795D; box-shadow:4px 4px 4px  
4px #83795D }
```

Background

The CSS property to change the background color of an element to Hex 83795D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83795D }
```

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

```
.background{ background-color:#83795D }
```

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