

Converting Colors

Hex(83695F)

Have a look what the booklet for
Hex(83695F) contains.

Hex(83695F)	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(83695F)

Conversions

Conversions Part 1

Format	Color
Hex	83695F
RGB	131, 105, 95
RGB Percent	51%, 41%, 37%
CMY	0.4863, 0.5882, 0.6275
CMYK	0.00, 0.20, 0.27, 0.49
HSL	17°, 16%, 44%
HSV	17°, 27%, 51%
XYZ	16.4772, 15.7547, 12.9990
YIQ	111.6340, 18.7060, 2.4020

Conversions

Conversions Part 2

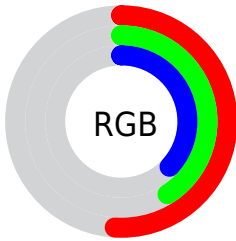
Format	Color
RYB	131, 109, 95
Decimal	8612191
CIELab	46.65, 8.75, 9.54
CIELCh	47, 12.943, 47.478
Yxy	15.7547, 0.3643, 0.3483
Android (android.graphics.Color)	4286802271 (0xFF83695F)
YUV	111.6340, -8.2006, 16.9840
Hunter-Lab	39.6922, 4.6386, 8.3673

Details

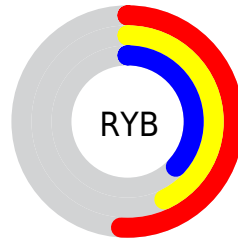
The Hex color **83695F** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5F7983**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **B99C91**, and **513A31** is the 20% darker color. If you saturate the color by 10%, you get **836052**, and if you desaturate by 10%, it is **83726C**.

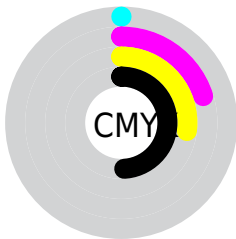
Distribution



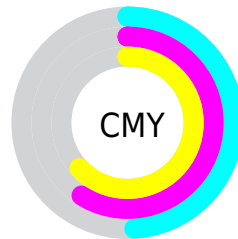
- Red (51%)
- Green (41%)
- Blue (37%)



- Red (51%)
- Yellow (43%)
- Blue (37%)



- Cyan (0%)
- Magenta (20%)
- Yellow (27%)
- Black (49%)



- Cyan (49%)
- Magenta (59%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83695F 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 83695F by changing the saturation by 10% instead.

 83695F

 83695F

FFFFFF

 695147

 B99C91

 513A31

 D4B7AC

 39241C

 F1D3C7

 241001

 FFEFE3

 000000

 83695F

 83695F

 836052

 83726C

 835645

 837C79

 834D38

 838586

 83432B

 838F93

 833A1E

 8398A1

 833010

 83A2AE

 832703

 83ABBB

 832400

 83B5C8

 83BED5

Harmonies

Analogous

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



856768



83695F



7B6C5A

Triad

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



83695F



597569



6B6D83

Complementary

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



83695F



5F7983

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.



5D7183



83695F



527575

Square

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



83695F



647360



53747E



786A7D

Rectangle

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



83695F



746F59



53747E



666F84

Sweetspot

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



83695F



ABA19D



835F79



57504E



D6D6D6



575757

Same Dimension

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



83695F



AB8272



837B5F



423E3C



822400



030100

Inverse Universe

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



5F7983



729BAB



5F6783



3C4042



005E82



000203

Previews

White Background



This preview shows how the Hex color 83695F looks on a white background.

Color Contrast Check

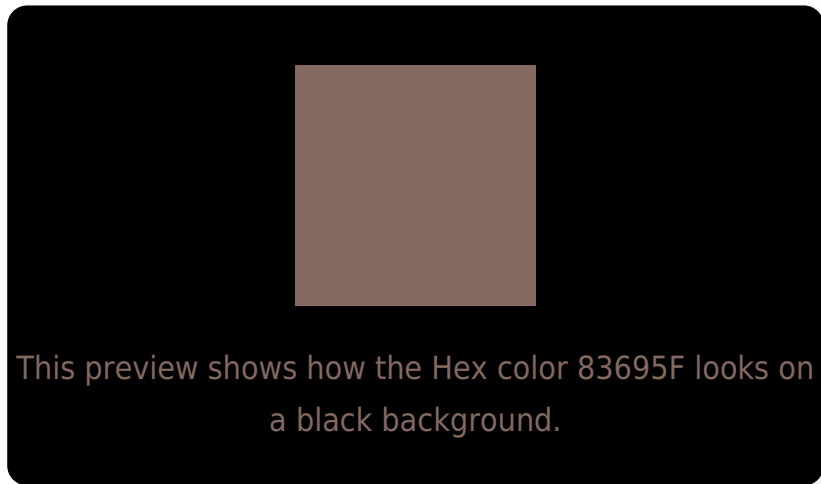
Large Text (above 18pt) WCAG AA ✓ Pass

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 83695F Background



This preview shows how black text looks on a background with the Hex color 83695F.

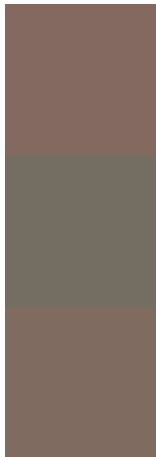


This preview shows how white text looks on a background with the Hex color 83695F.

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
83695F

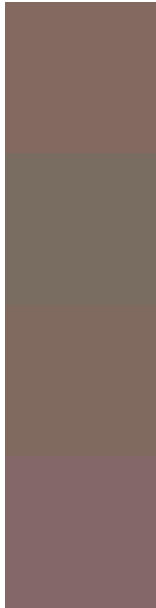
Protanopia
746E62

Deuteranopia
7F6B5F



Tritanopia
85676F

Trichromacy



Original Color
83695F

Protanomaly
796C61

Deuteranomaly
806A5F

Tritanomaly
846869

Monochromacy



Original Color
83695F

Achromatopsia
707070

Achromatomaly
776D6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 83695F 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 #83695F looks like.

```
.text, #text, p{  
    color:#83695F  
}
```

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 #83695F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83695F
}
```

Border

The CSS property to change the border of an element to Hex 83695F is called "border". The border property can be set on classes, ids or directly on the HTML element.

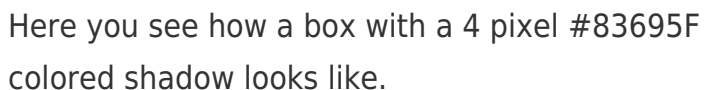
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83695F }
```

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

```
.border{ border-color:#83695F }
```

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



Here you see how a box with a 4 pixel #83695F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83695F; -webkit-box-shadow:4px 4px  
4px 4px #83695F; box-shadow:4px 4px 4px  
4px #83695F }
```

Background

The CSS property to change the background color of an element to Hex 83695F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83695F }
```

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

```
.background{ background-color:#83695F }
```

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