

Converting Colors

Hex(83885F)

Have a look what the booklet for
Hex(83885F) contains.

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Color

Hex(83885F)

Conversions

Conversions Part 1

Format	Color
Hex	83885F
RGB	131, 136, 95
RGB Percent	51%, 53%, 37%
CMY	0.4863, 0.4667, 0.6275
CMYK	0.04, 0.00, 0.30, 0.47
HSL	67°, 18%, 45%
HSV	67°, 30%, 53%
XYZ	20.2298, 23.2598, 14.2498
YIQ	129.8310, 10.1810, -13.8110

Conversions

Conversions Part 2

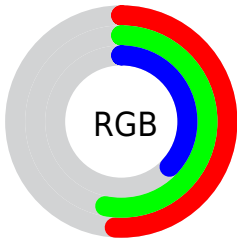
Format	Color
R_{YB}	95, 136, 100
Decimal	8620127
CIE _{Lab}	55.34, -8.97, 21.46
CIE _{LCh}	55, 23.254, 112.679
Yxy	23.2598, 0.3504, 0.4028
Android (android.graphics.Color)	4286810207 (0xFF83885F)
YUV	129.8310, -17.1717, 1.0252
Hunter-Lab	48.2285, -9.5266, 16.2418

Details

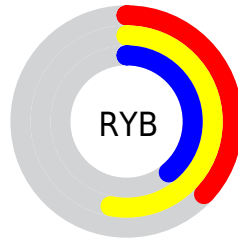
The Hex color **83885F** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **645F88**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B8BD92**, and **515630** is the 20% darker color. If you saturate the color by 10%, you get **818851**, and if you desaturate by 10%, it is **85886D**.

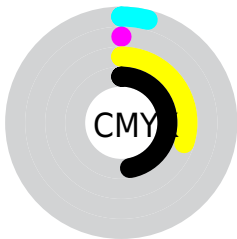
Distribution



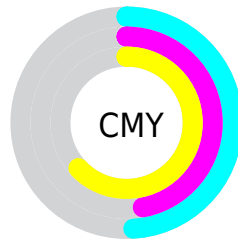
- Red (51%)
- Green (53%)
- Blue (37%)



- Red (37%)
- Yellow (53%)
- Blue (39%)



- Cyan (4%)
- Magenta (0%)
- Yellow (30%)
- Black (47%)



- Cyan (49%)
- Magenta (47%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83885F 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 83885F by changing the saturation by 10% instead.



83885F



83885F

FFFFFF



6A6F47



B8BD92



515630



D4D9AC



393F1A



F1F5C8



242902



FFFFE4



071600



000000



83885F



83885F



818851



85886D



808844



86887A

■ 7E8836

■ 888888

■ 7C8829

■ 8A8895

■ 7B881B

■ 8B88A3

■ 79880D

■ 8D88B1

■ 778800

■ 8F88BE

■ 9088CC

■ 9288D9

Harmonies

Analogous

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



98825D



83885F



6C8D6C

Triad

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



83885F



4C8DA4



A9768A

Complementary

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



83885F



645F88

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.



9A7A9D



83885F



6488AC

Square

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



83885F



479093



8181AA



AD7676

Rectangle

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



83885F



5D8F78



8181AA



A57791

Sweetspot

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



83885F



AEB0A0



88645F



58594F



D9D9D9



595959

Same Dimension

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



83885F



A8B071



6F885F



44453E



748500



040500

Inverse Universe

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



645F88



7871B0



785F88



3F3E45



100085



010005

Previews

White Background



This preview shows how the Hex color 83885F looks on a white background.

Color Contrast Check

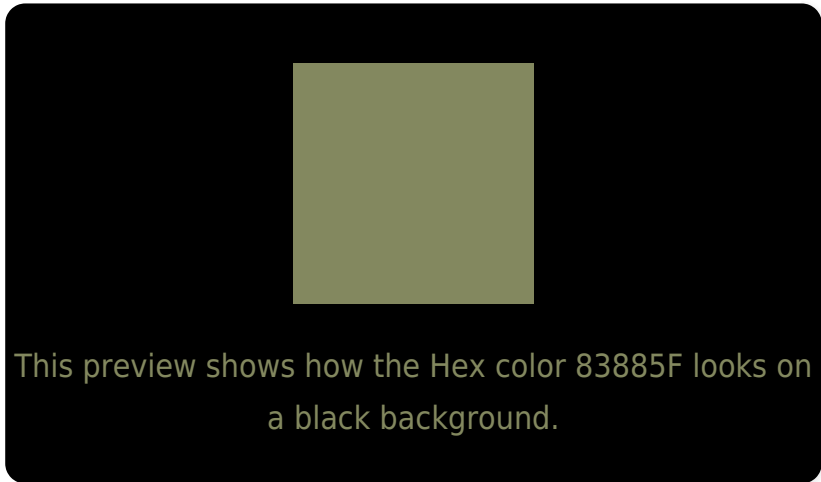
Large Text (above 18pt) WCAG AA ✓ Pass

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

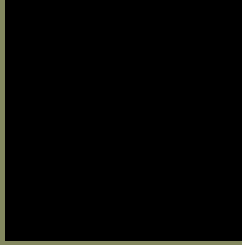
Any Text WCAG AA ✓ Pass

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 83885F Background



This preview shows how black text looks on a background with the Hex color 83885F.



This preview shows how white text looks on a background with the Hex color 83885F.

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
83885F

Protanopia
8F845D

Deuteranopia
9D7F61



Tritanopia
89828C

Trichromacy



Original Color
83885F

Protanomaly
8B855E

Deuteranomaly
948260

Tritanomaly
87847C

Monochromacy



Original Color
83885F

Achromatopsia
828282

Achromatomaly
828475

CSS Examples

Text

The CSS property to change the color of the text to Hex 83885F 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 #83885F looks like.

```
.text, #text, p{  
    color:#83885F  
}
```

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 #83885F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83885F  
}
```

Border

The CSS property to change the border of an element to Hex 83885F 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  
#83885F }
```

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

```
.border{ border-color:#83885F }
```

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

Here you see how a box with a 4 pixel #83885F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83885F; -webkit-box-shadow:4px 4px  
4px 4px #83885F; box-shadow:4px 4px 4px  
4px #83885F }
```

Background

The CSS property to change the background color of an element to Hex 83885F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83885F }
```

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

```
.background{ background-color:#83885F }
```

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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