

# Converting Colors

Hex(83885A)

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

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**Color**

**Hex(83885A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83885A
RGB	131, 136, 90
RGB Percent	51%, 53%, 35%
CMY	0.4863, 0.4667, 0.6471
CMYK	0.04, 0.00, 0.34, 0.47
HSL	67°, 20%, 44%
HSV	67°, 34%, 53%
XYZ	20.0097, 23.1718, 13.0908
YIQ	129.2610, 11.7860, -15.3660

# Conversions

## Conversions Part 2

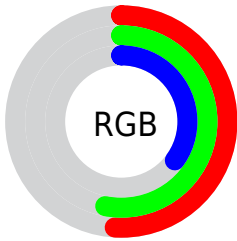
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 136, 95
Decimal	8620122
CIELab	55.25, -9.66, 24.13
CIELCh	55, 25.995, 111.824
Yxy	23.1718, 0.3556, 0.4118
Android (android.graphics.Color)	4286810202 (0xFF83885A)
YUV	129.2610, -19.3557, 1.5251
Hunter-Lab	48.1371, -10.0408, 17.5721

# Details

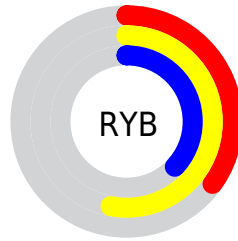
The Hex color **83885A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5F5A88**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B9BD8D**, and **51562B** is the 20% darker color. If you saturate the color by 10%, you get **82884C**, and if you desaturate by 10%, it is **848868**.

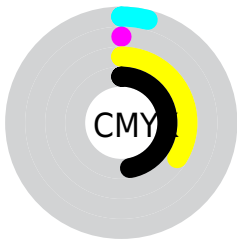
# Distribution



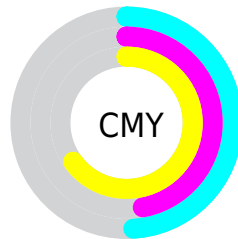
- Red (51%)
- Green (53%)
- Blue (35%)



- Red (35%)
- Yellow (53%)
- Blue (37%)



- Cyan (4%)
- Magenta (0%)
- Yellow (34%)
- Black (47%)



- Cyan (49%)
- Magenta (47%)
- Yellow (65%)

# Brightness & Saturation Gradients

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





83885A



83885A

FFFFFF



696F42



B9BD8D



51562B



D4D9A7



393F16



F1F5C2



242900



FFFFDE



041600



FFFFFB



000000



83885A



83885A



82884C



848868



80883F



868875

 7F8831

 878883

 7D8824

 898890

 7C8816

 8A889E

 7A8808

 8C88AC

 798800

 8D88B9

 8F88C7

 9088D4

# Harmonies

## Analogous

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



9A8158



83885A



698D68

# Triad

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



83885A



408EA7



AC748B

# Complementary

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



83885A



5F5A88

# 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.



9B79A0



83885A



5D88B0

# Square

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



83885A



3B9094



7F81AE



B17475

# Rectangle

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



83885A



579076



7F81AE



A87593



# Sweetspot

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



83885A



AEB09E



885F5A



58594F



D9D9D9



595959



# Same Dimension

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



83885A



A8B068



6C885A



44453E



768500



050500



# Inverse Universe

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



5F5A88



7068B0



765A88



3F3E45



0E0085



010005



# Previews

## White Background



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

## Color Contrast Check

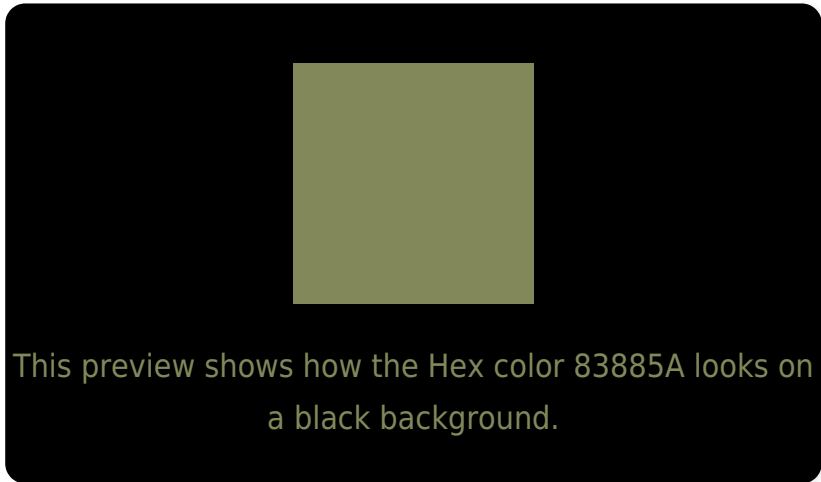
Large Text (above 18pt) WCAG AA ✓ Pass

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

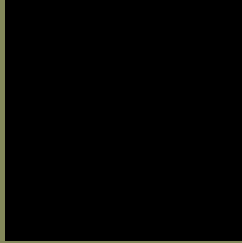
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

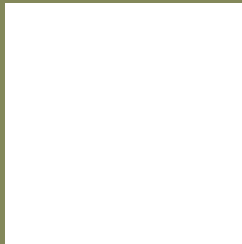
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 83885A Background



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



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

# 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**  
83885A

**Protanopia**  
8F8458

**Deuteranopia**  
9E7F5C



**Tritanopia**  
89828C

# Trichromacy



**Original Color**  
83885A

**Protanomaly**  
8B8559

**Deuteranomaly**  
94825B

**Tritanomaly**  
87847A

# Monochromacy



**Original Color**  
83885A

**Achromatopsia**  
818181

**Achromatomaly**  
828473

# CSS Examples

## Text

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

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

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 #83885A colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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