

# Converting Colors

Hex(83653A)

Have a look what the booklet for  
Hex(83653A) contains.

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**Color**

**Hex(83653A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	83653A
RGB	131, 101, 58
RGB Percent	51%, 40%, 23%
CMY	0.4863, 0.6039, 0.7725
CMYK	0.00, 0.23, 0.56, 0.49
HSL	35°, 39%, 37%
HSV	35°, 56%, 51%
XYZ	14.7775, 14.4381, 6.0110
YIQ	105.0680, 31.6830, -7.0130

# Conversions

## Conversions Part 2

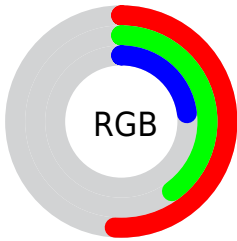
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 131, 58
Decimal	8611130
CIELab	44.85, 6.55, 28.77
CIElCh	45, 29.505, 77.167
Yxy	14.4381, 0.4195, 0.4099
Android (android.graphics.Color)	4286801210 (0xFF83653A)
YUV	105.0680, -23.2045, 22.7424
Hunter-Lab	37.9976, 2.9240, 17.2190

# Details

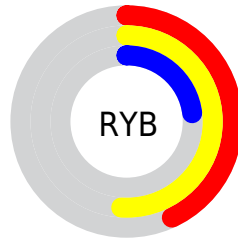
The Hex color **83653A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3A5883**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **BA986A**, and **4F360D** is the 20% darker color. If you saturate the color by 10%, you get **83602D**, and if you desaturate by 10%, it is **836A47**.

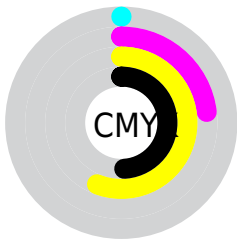
# Distribution



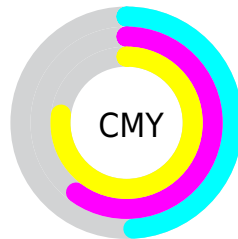
- Red (51%)
- Green (40%)
- Blue (23%)



- Red (43%)
- Yellow (51%)
- Blue (23%)



- Cyan (0%)
- Magenta (23%)
- Yellow (56%)
- Black (49%)



- Cyan (49%)
- Magenta (60%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83653A 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 83653A by changing the saturation by 10% instead.





83653A



83653A

FFFFFF



694D23



BA986A



4F360D



D6B384



372100



F3CE9E



1F0C00



FFEAB9



000000



FFFFD5



FFFFF1



83653A



83653A



83602D



836A47

■ 835A20

■ 837054

■ 835513

■ 837561

■ 834F06

■ 837B6E

■ 834D00

■ 83807B

■ 838589

■ 838B96

■ 8390A3

■ 8395B0

# Harmonies

## Analogous

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



935C47



83653A



6C6D3A

# Triad

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



83653A



007778



7E5F8C

# Complementary

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



83653A



3A5883

# 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.



5D6899



83653A



00758D

# Square

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



83653A



2E765E



2F709A



935876

# Rectangle

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



83653A



5A7142



2F709A



746291



# Sweetspot

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



83653A



AB9F8E



833A58



575045



D6D6D6



575757



# Same Dimension

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



83653A



AB7C38



7D833A



42403C



824D00



030200



# Inverse Universe

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



3A5883



3867AB



403A83



3C3E42



003582



000103



# Previews

## White Background



This preview shows how the Hex color 83653A looks on a white background.

## Color Contrast Check

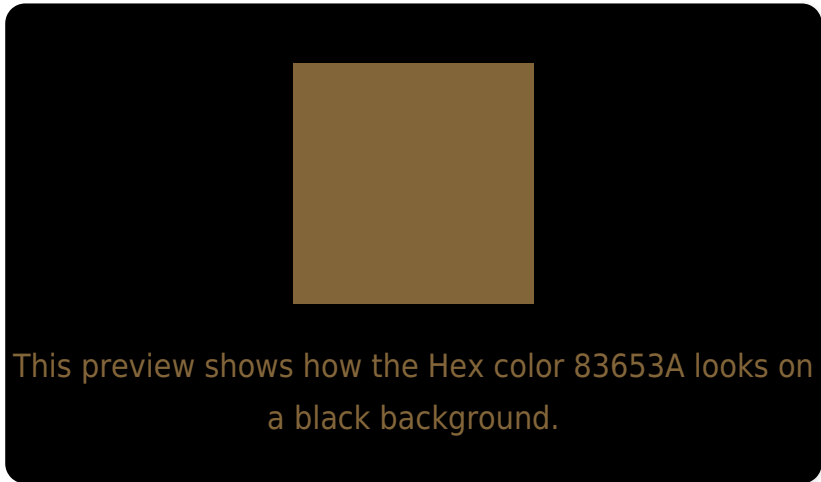
Large Text (above 18pt) WCAG AA ✓ Pass

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

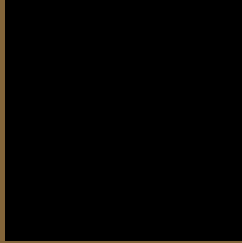
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 83653A Background



This preview shows how black text looks on a background with the Hex color 83653A.



This preview shows how white text looks on a background with the Hex color 83653A.

# 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**  
83653A

**Protanopia**  
756A3C

**Deuteranopia**  
82653A



**Tritanopia**  
876067

# Trichromacy



**Original Color**  
83653A

**Protanomaly**  
7A683B

**Deuteranomaly**  
82653A

**Tritanomaly**  
866257

# Monochromacy



**Original Color**  
83653A

**Achromatopsia**  
696969

**Achromatomaly**  
726858

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83653A 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 #83653A looks like.

```
.text, #text, p{  
    color:#83653A  
}
```

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 #83653A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83653A
}
```

## Border

The CSS property to change the border of an element to Hex 83653A 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
#83653A }
```

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

```
.border{ border-color:#83653A }
```

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

Here you see how a box with a 4 pixel #83653A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83653A; -webkit-box-shadow:4px 4px  
4px 4px #83653A; box-shadow:4px 4px 4px  
4px #83653A }
```

# Background

The CSS property to change the background color of an element to Hex 83653A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83653A }
```

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

```
.background{ background-color:#83653A }
```

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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