

# Converting Colors

Hex(83524A)

Have a look what the booklet for  
Hex(83524A) contains.

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**Color**

**Hex(83524A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	83524A
RGB	131, 82, 74
RGB Percent	51%, 32%, 29%
CMY	0.4863, 0.6784, 0.7098
CMYK	0.00, 0.37, 0.44, 0.49
HSL	8°, 28%, 40%
HSV	8°, 44%, 51%
XYZ	13.6134, 11.3543, 7.9527
YIQ	95.7390, 31.7720, 7.9000

# Conversions

## Conversions Part 2

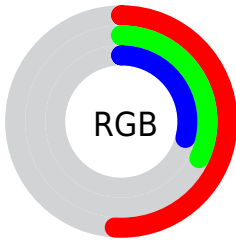
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 83, 74
Decimal	8606282
CIELab	40.17, 19.49, 13.24
CIELCh	40, 23.564, 34.200
Yxy	11.3543, 0.4135, 0.3449
Android (android.graphics.Color)	4286796362 (0xFF83524A)
YUV	95.7390, -10.7173, 30.9239
Hunter-Lab	33.6961, 13.1466, 9.5942

# Details

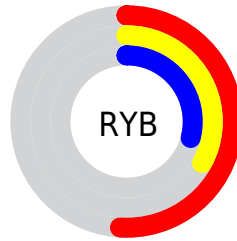
The Hex color **83524A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4A7B83**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **BA847B**, and **4F241E** is the 20% darker color. If you saturate the color by 10%, you get **83473D**, and if you desaturate by 10%, it is **835D57**.

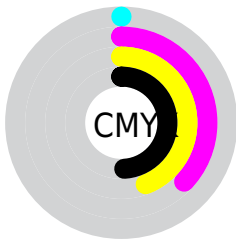
# Distribution



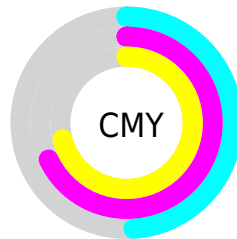
- Red (51%)
- Green (32%)
- Blue (29%)



- Red (51%)
- Yellow (33%)
- Blue (29%)



- Cyan (0%)
- Magenta (37%)
- Yellow (44%)
- Black (49%)



- Cyan (49%)
- Magenta (68%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83524A 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 83524A by changing the saturation by 10% instead.



 83524A

 83524A

FFFFFF

 693B33

 BA847B

 4F241E

 D69E94

 370F06

 F3B9AF

 220001

 FFD5CB

 000000

 FFF2E7

 83524A

 83524A

 83473D

 835D57

 833B30

 836964

 833023

 837471

 832516

 837F7E

 831A09

 838A8B

 831200

 839699

 83A1A6

 83ACB3

 83B7C0

# Harmonies

## Analogous

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



83505D



83524A



79583C

# Triad

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



83524A



3D684D



486085

# Complementary

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



83524A



4A7B83

# 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.



286581



83524A



246961

# Square

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



83524A



54643E



146874



65597E

# Rectangle

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



83524A



6F5C38



146874



3D6285



# Sweetspot

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



83524A



AB9895



834A7B



574B49



D6D6D6



575757



# Same Dimension

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



83524A



AB5E52



836E4A



423D3C



821200



030000



# Inverse Universe

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



4A7B83



529EAB



4A5F83



3C4142



007082



000203



# Previews

## White Background



This preview shows how the Hex color 83524A looks on a white background.

## Color Contrast Check

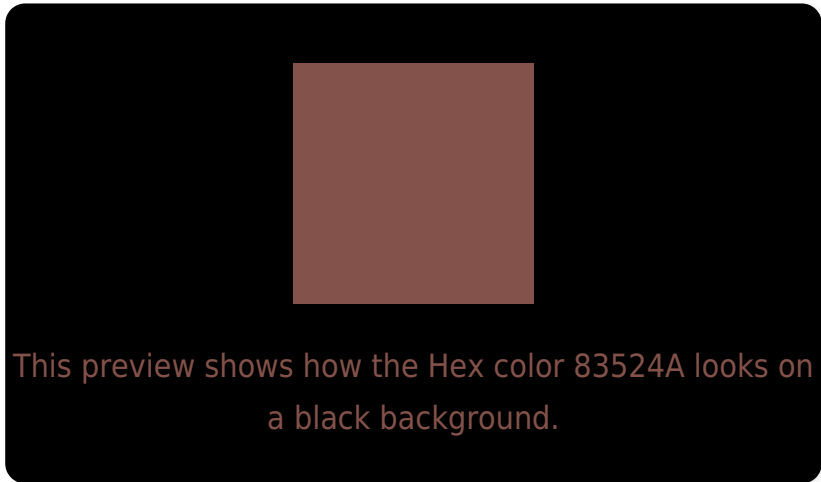
Large Text (above 18pt) WCAG AA ✓ Pass

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 83524A Background



This preview shows how black text looks on a background with the Hex color 83524A.



This preview shows how white text looks on a background with the Hex color 83524A.

# 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**  
83524A

**Protanopia**  
645F50

**Deuteranopia**  
705B48



**Tritanopia**  
845056

# Trichromacy



**Original Color**  
83524A

**Protanomaly**  
6F5A4E

**Deuteranomaly**  
775849

**Tritanomaly**  
845152

# Monochromacy



**Original Color**  
83524A

**Achromatopsia**  
606060

**Achromatomaly**  
6D5B58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83524A 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 #83524A looks like.

```
.text, #text, p{  
    color:#83524A  
}
```

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 #83524A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83524A
}
```

## Border

The CSS property to change the border of an element to Hex 83524A is called "border". The border property can be set on classes, ids or directly on the HTML element.

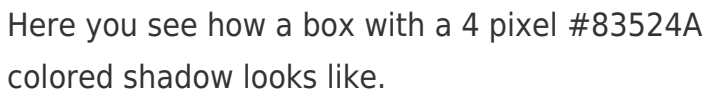
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83524A }
```

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

```
.border{ border-color:#83524A }
```

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



Here you see how a box with a 4 pixel #83524A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83524A; -webkit-box-shadow:4px 4px  
4px 4px #83524A; box-shadow:4px 4px 4px  
4px #83524A }
```

# Background

The CSS property to change the background color of an element to Hex 83524A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83524A }
```

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

```
.background{ background-color:#83524A }
```

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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