

# Converting Colors

Hex(A83A3D)

Have a look what the booklet for  
Hex(A83A3D) contains.

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# Color

**Hex(A83A3D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A83A3D
RGB	168, 58, 61
RGB Percent	66%, 23%, 24%
CMY	0.3412, 0.7725, 0.7608
CMYK	0.00, 0.65, 0.64, 0.34
HSL	358°, 49%, 44%
HSV	358°, 65%, 66%
XYZ	18.5038, 11.6879, 5.6956
YIQ	91.2320, 64.5970, 24.2530

# Conversions

## Conversions Part 2

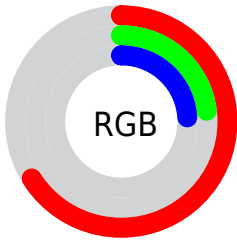
<b>Format</b>	<b>Color</b>
<b>RYB</b>	168, 58, 61
Decimal	11024957
CIELab	40.72, 45.32, 22.99
CIElCh	41, 50.818, 26.894
Yxy	11.6879, 0.5156, 0.3257
Android (android.graphics.Color)	4289215037 (0xFFA83A3D)
YUV	91.2320, -14.9044, 67.3255
Hunter-Lab	34.1875, 36.7840, 14.0536

# Details

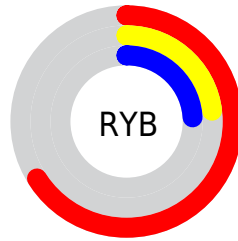
The Hex color **A83A3D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3AA8A5**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **E46F6C**, and **6E0013** is the 20% darker color. If you saturate the color by 10%, you get **A8292D**, and if you desaturate by 10%, it is **A84B4D**.

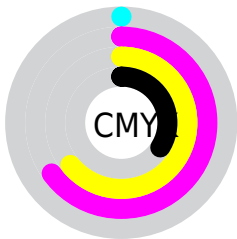
# Distribution



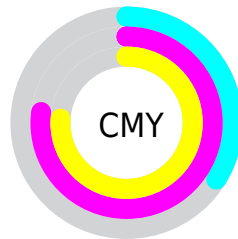
- Red (66%)
- Green (23%)
- Blue (24%)



- Red (66%)
- Yellow (23%)
- Blue (24%)



- Cyan (0%)
- Magenta (65%)
- Yellow (64%)
- Black (34%)



- Cyan (34%)
- Magenta (77%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A83A3D 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 A83A3D by changing the saturation by 10% instead.



 A83A3D

 A83A3D

FFFFFF

 8B1E27

 E46F6C

 6E0013

 FF8A86

 510000

 FFA5A0

 370002

 FFC1BB


 0D0000

 FFDED7

 000000

 FFFBF3

 A83A3D

 A83A3D

 A8292D

 A84B4D

 A8181C

 A85C5E

 A8080C

 A86C6E

 A80005

 A87D7E

 A88E8F

 A89F9F

 A8B0AF

 A8C0C0

 A8D1D0

# Harmonies

## Analogous

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



A73566



A83A3D



964C18

# Triad

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



A83A3D



007030



0066B3

# Complementary

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



A83A3D



3AA8A5

# 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.



006FA5



A83A3D



00735A

# Square

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



A83A3D



4F6905



007385



5657AB

# Rectangle

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



A83A3D



835700



007385



006AB1



# Sweetspot

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



A83A3D



DBAFB1



A43AA8



6E5354



EDEDED



6E6E6E



# Same Dimension

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



A83A3D



DB2E33



A86D3A



544C4C



940004



140001



# Inverse Universe

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



A83A3D



DB2E33



3A75A8



544C4C



940004



140001



# Previews

## White Background



This preview shows how the Hex color A83A3D looks on a white background.

## Color Contrast Check

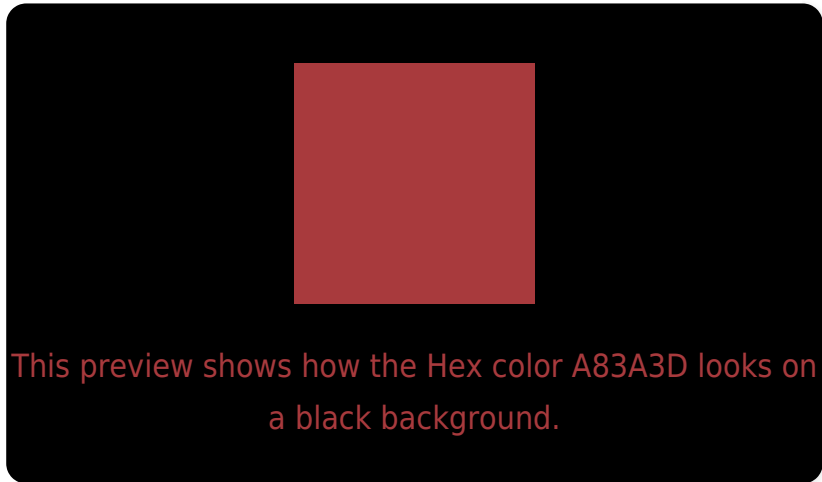
Large Text (above 18pt) WCAG AA ✓ Pass

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 A83A3D Background



This preview shows how black text looks on a background with the Hex color A83A3D.

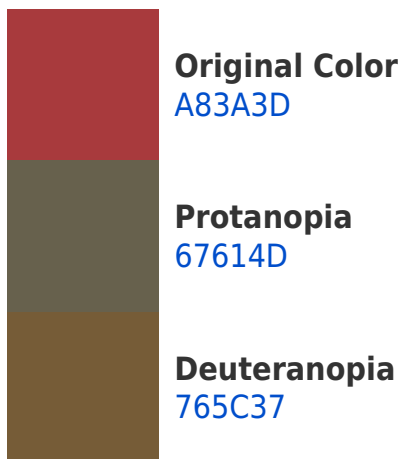


This preview shows how white text looks on a background with the Hex color A83A3D.

# 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





# Trichromacy



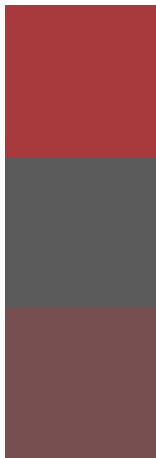
**Original Color**  
A83A3D

**Protanomaly**  
7F5347

**Deuteranomaly**  
885039

**Tritanomaly**  
A83A3D

# Monochromacy



**Original Color**  
A83A3D

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
774F50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A83A3D 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 #A83A3D looks like.

```
.text, #text, p{  
    color:#A83A3D  
}
```

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 #A83A3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A83A3D
}
```

## Border

The CSS property to change the border of an element to Hex A83A3D 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".

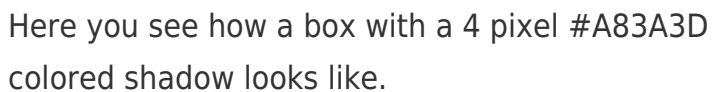
```
.border, #border, table{ border:4px solid
#A83A3D }
```

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

```
.border{ border-color:#A83A3D }
```

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

Here you see how a box with a 4 pixel #A83A3D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #A83A3D colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A83A3D; -webkit-box-shadow:4px 4px  
4px 4px #A83A3D; box-shadow:4px 4px 4px  
4px #A83A3D }
```

# Background

The CSS property to change the background color of an element to Hex A83A3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A83A3D }
```

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

```
.background{ background-color:#A83A3D }
```

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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