

Converting Colors

Hex(A83E33)

Have a look what the booklet for
Hex(A83E33) contains.

Hex(A83E33)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A83E33)

Conversions

Conversions Part 1

Format	Color
Hex	A83E33
RGB	168, 62, 51
RGB Percent	66%, 24%, 20%
CMY	0.3412, 0.7569, 0.8000
CMYK	0.00, 0.63, 0.70, 0.34
HSL	6°, 53%, 43%
HSV	6°, 70%, 66%
XYZ	18.4686, 12.0091, 4.4766
YIQ	92.4400, 66.7070, 19.0510

Conversions

Conversions Part 2

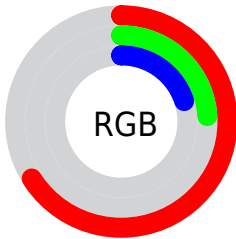
Format	Color
R _Y B	168, 63, 51
Decimal	11025971
CIE Lab	41.23, 42.92, 29.65
CIE LCh	41, 52.162, 34.634
Yxy	12.0091, 0.5284, 0.3436
Android (android.graphics.Color)	4289216051 (0xFFA83E33)
YUV	92.4400, -20.4299, 66.2661
Hunter-Lab	34.6541, 34.4852, 16.5989

Details

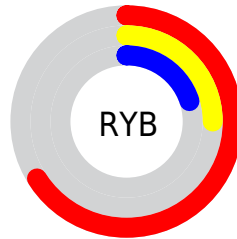
The Hex color **A83E33** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **339DA8**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **E47262**, and **6D0106** is the 20% darker color. If you saturate the color by 10%, you get **A82F22**, and if you desaturate by 10%, it is **A84D44**.

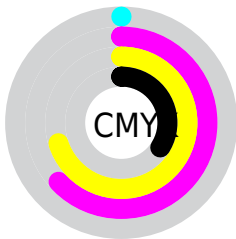
Distribution



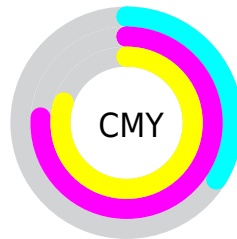
- Red (66%)
- Green (24%)
- Blue (20%)



- Red (66%)
- Yellow (25%)
- Blue (20%)



- Cyan (0%)
- Magenta (63%)
- Yellow (70%)
- Black (34%)



- Cyan (34%)
- Magenta (76%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color A83E33 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 A83E33 by changing the saturation by 10% instead.

 A83E33

 A83E33

FFFFFF

 8A231D

 E47262

 6D0106

 FF8D7B

 510000

 FFA895

 370001

 FFC4B0

 0D0000

 FFE1CB

 000000

 FFFEE7

 A83E33


 A83E33

 A82F22

 A84D44

 A82011

 A85C55

 A81001

 A86C65

 A81000

 A87B76

 A88A87

 A89998

 A8A9A9

 A8B8B9

 A8C7CA

Harmonies

Analogous

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



AC345C



A83E33



92510B

Triad

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



A83E33



00723A



0064B7

Complementary

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



A83E33



339DA8

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.



006FAF



A83E33



007567

Square

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



A83E33



436C0F



007491



6953A8

Rectangle

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



A83E33



7C5D00



007491



0069B7

Sweetspot

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



A83E33



DBB2AD



A8339E



6E5552



EDEDED



6E6E6E

Same Dimension

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



A83E33



DB3423



A87733



544D4C



940E00



140200

Inverse Universe

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



339DA8



23CADB



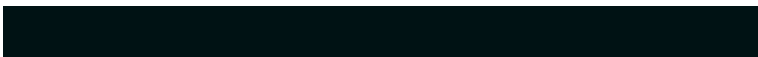
3364A8



4C5354



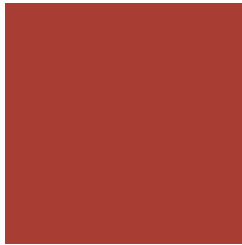
008694



001214

Previews

White Background



This preview shows how the Hex color A83E33 looks on a white background.

Color Contrast Check

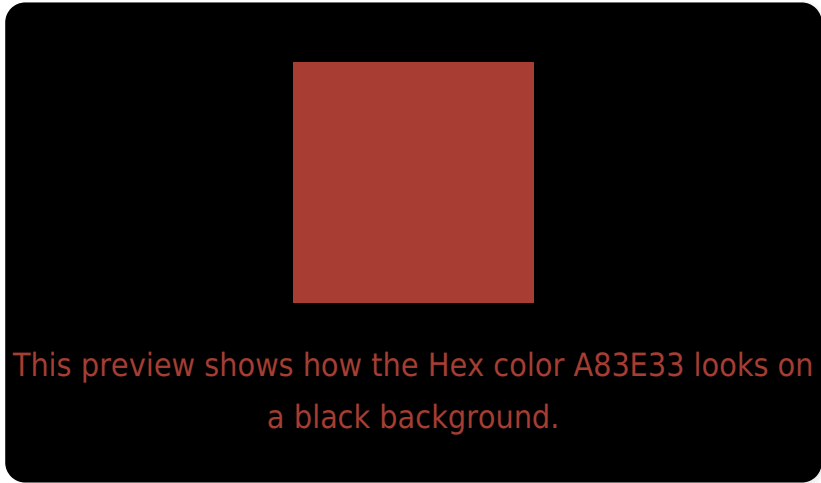
Large Text (above 18pt) WCAG AA ✓ Pass

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 A83E33 Background



This preview shows how black text looks on a background with the Hex color A83E33.



This preview shows how white text looks on a background with the Hex color A83E33.

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
A83E33

Protanopia
6B6240

Deuteranopia
795D2D



Tritanopia
A93C40

Trichromacy



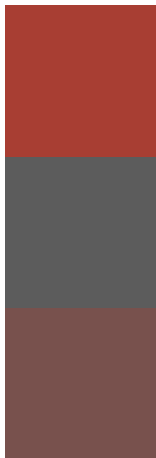
Original Color
A83E33

Protanomaly
81553B

Deuteranomaly
8A522F

Tritanomaly
A93D3B

Monochromacy



Original Color
A83E33

Achromatopsia
5C5C5C

Achromatomaly
78514D

CSS Examples

Text

The CSS property to change the color of the text to Hex A83E33 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 #A83E33 looks like.

```
.text, #text, p{  
    color:#A83E33  
}
```

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 #A83E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A83E33
}
```

Border

The CSS property to change the border of an element to Hex A83E33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

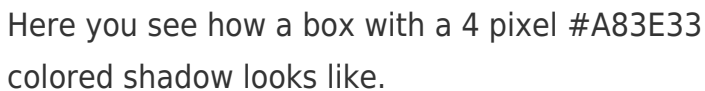
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A83E33 }
```

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

```
.border{ border-color:#A83E33 }
```

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



Here you see how a box with a 4 pixel `#A83E33` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A83E33; -webkit-box-shadow:4px 4px  
4px 4px #A83E33; box-shadow:4px 4px 4px  
4px #A83E33 }
```

Background

The CSS property to change the background color of an element to Hex A83E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A83E33 }
```

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

```
.background{ background-color:#A83E33 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor