

# Converting Colors

Hex(A83E30)

Have a look what the booklet for  
Hex(A83E30) contains.

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**Color**

**Hex(A83E30)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A83E30
RGB	168, 62, 48
RGB Percent	66%, 24%, 19%
CMY	0.3412, 0.7569, 0.8118
CMYK	0.00, 0.63, 0.71, 0.34
HSL	7°, 56%, 42%
HSV	7°, 71%, 66%
XYZ	18.4046, 11.9835, 4.1393
YIQ	92.0980, 67.6700, 18.1180

# Conversions

## Conversions Part 2

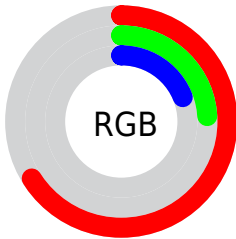
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 64, 48
Decimal	11025968
CIE <sub>Lab</sub>	41.19, 42.76, 31.35
CIE <sub>LCh</sub>	41, 53.023, 36.252
Yxy	11.9835, 0.5330, 0.3471
Android (android.graphics.Color)	4289216048 (0xFFA83E30)
YUV	92.0980, -21.7403, 66.5661
Hunter-Lab	34.6172, 34.3213, 17.1425

# Details

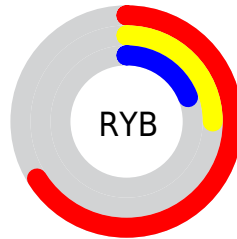
The Hex color **A83E30** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **309AA8**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **E5725F**, and **6D0102** is the 20% darker color. If you saturate the color by 10%, you get **A82F1F**, and if you desaturate by 10%, it is **A84D41**.

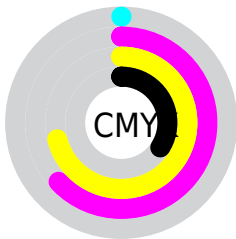
# Distribution



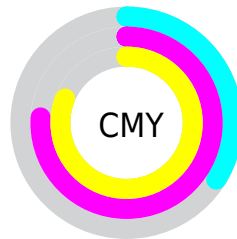
- Red (66%)
- Green (24%)
- Blue (19%)



- Red (66%)
- Yellow (25%)
- Blue (19%)



- Cyan (0%)
- Magenta (63%)
- Yellow (71%)
- Black (34%)



- Cyan (34%)
- Magenta (76%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A83E30 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 A83E30 by changing the saturation by 10% instead.



 A83E30

 A83E30

FFFFFF

 8A231A

 E5725F

 6D0102

 FF8D78

 500000

 FFA891

 360001

 FFC4AC

 0C0000

 FFE1C8

 000000

 FFFEE4

 A83E30

 A83E30

 A82F1F

 A84D41

 A8200E

 A85C52

 A81400

 A86B62

 A87973

 A88884

 A89795

 A8A6A6

 A8B5B6

 A8C4C7

# Harmonies

## Analogous

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



AE325A



A83E30



905206

# Triad

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



A83E30



00733C



0063B8

# Complementary

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



A83E30



309AA8

# 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.



006FB1



A83E30



007569

# Square

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



A83E30



3F6D0F



007494



6D51A8

# Rectangle

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



A83E30



7A5D00



007494



0068B8



# Sweetspot

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



A83E30



DBB3AD



A8309A



6E5552



EDEDED



6E6E6E



# Same Dimension

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



A83E30



DB351F



A87A30



544D4C



941100



140200



# Inverse Universe

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



309AA8



1FC5DB



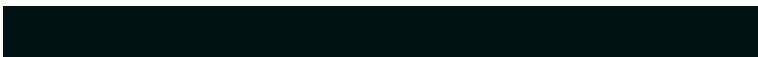
305EA8



4C5354



008394

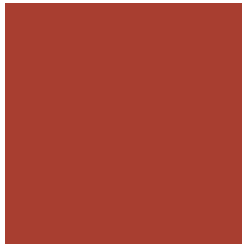


001214



# Previews

## White Background



This preview shows how the Hex color A83E30 looks on a white background.

## Color Contrast Check

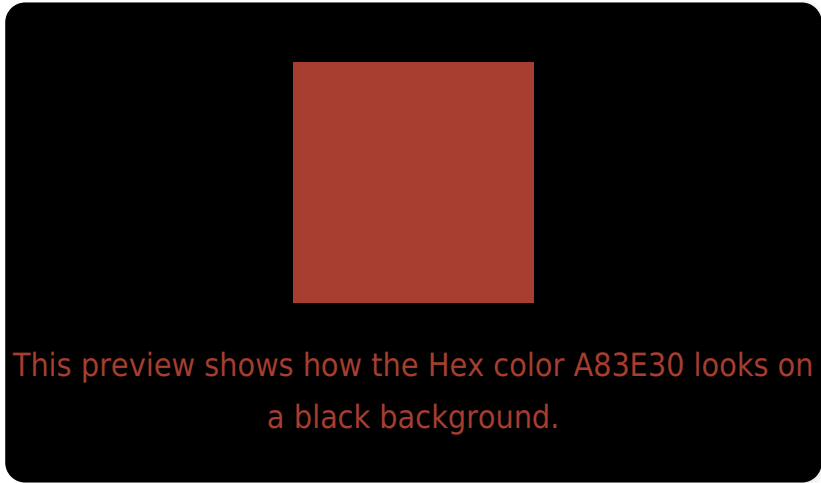
Large Text (above 18pt) WCAG AA ✓ Pass

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 A83E30 Background



This preview shows how black text looks on a background with the Hex color A83E30.

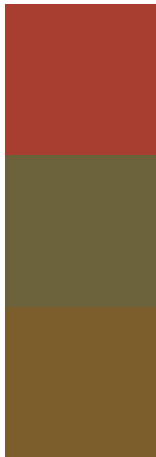


This preview shows how white text looks on a background with the Hex color A83E30.

# 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**  
A83E30

**Protanopia**  
6B623C

**Deuteranopia**  
7A5D2A



**Tritanopia**  
A93C3F

# Trichromacy



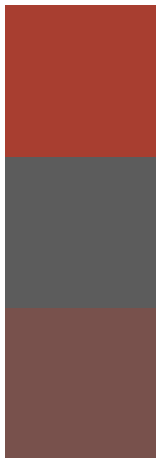
**Original Color**  
A83E30

**Protanomaly**  
815538

**Deuteranomaly**  
8B522C

**Tritanomaly**  
A93D3A

# Monochromacy



**Original Color**  
A83E30

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
78514C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A83E30 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 #A83E30 looks like.

```
.text, #text, p{  
    color:#A83E30  
}
```

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 #A83E30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A83E30
}
```

## Border

The CSS property to change the border of an element to Hex A83E30 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
#A83E30 }
```

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

```
.border{ border-color:#A83E30 }
```

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

Here you see how a box with a 4 pixel #A83E30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A83E30; -webkit-box-shadow:4px 4px  
4px 4px #A83E30; box-shadow:4px 4px 4px  
4px #A83E30 }
```

# Background

The CSS property to change the background color of an element to Hex A83E30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A83E30 }
```

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

```
.background{ background-color:#A83E30 }
```

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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