

# Converting Colors

Hex(A83011)

Have a look what the booklet for  
Hex(A83011) contains.

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**Color**

**Hex(A83011)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A83011
RGB	168, 48, 17
RGB Percent	66%, 19%, 7%
CMY	0.3412, 0.8118, 0.9333
CMYK	0.00, 0.71, 0.90, 0.34
HSL	12°, 82%, 36%
HSV	12°, 90%, 66%
XYZ	17.3066, 10.4792, 1.6408
YIQ	80.3460, 81.4710, 15.7990

# Conversions

## Conversions Part 2

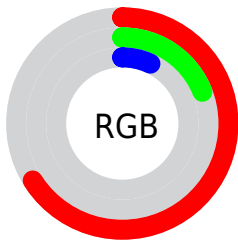
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 56, 17
Decimal	11022353
CIE <sub>Lab</sub>	38.69, 47.67, 44.89
CIE <sub>LCh</sub>	39, 65.478, 43.282
Yxy	10.4792, 0.5881, 0.3561
Android (android.graphics.Color)	4289212433 (0xFFA83011)
YUV	80.3460, -31.2296, 76.8726
Hunter-Lab	32.3716, 38.7798, 19.6548

# Details

The Hex color **A83011** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1189A8**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **E66640**, and **6B0000** is the 20% darker color. If you saturate the color by 10%, you get **A82300**, and if you desaturate by 10%, it is **A83D22**.

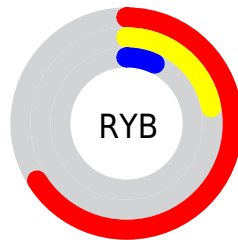
# Distribution



Red (66%)

Green (19%)

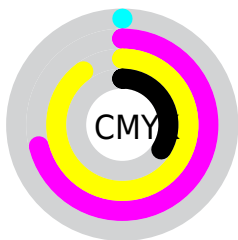
Blue (7%)



Red (66%)

Yellow (22%)

Blue (7%)

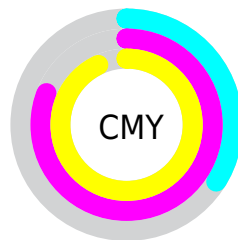


Cyan (0%)

Magenta (71%)

Yellow (90%)

Black (34%)



Cyan (34%)

Magenta (81%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A83011 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 A83011 by changing the saturation by 10% instead.



 A83011

 A83011

 FFFFFB

 8A1000

 E66640

 6B0000

 FF8159

 4E0000

 FF9C72

 330002

 FFB88C

 000000

 FFD4A7

 FFF1C2

 FFFFDE

 A83011

 A83011

 A82300

 A83D22

 A82200

 A84B33

 A85843

 A86554

 A87365

 A88076

 A88D87

 A89B97

 A8A8A8

# Harmonies

## Analogous

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



B60546



A83011



874D00

# Triad

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



A83011



00703A



005AC4

# Complementary

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



A83011



1189A8

# 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.



006AC2



A83011



007172

# Square

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



A83011



0B6B00



0070A4



783FAA

# Rectangle

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



A83011



6B5B00



0070A4



0061C7



# Sweetspot

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



A83011



DBACA0



A8118A



6E524B



EDEDED



6E6E6E



# Same Dimension

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



A83011



DB2D00



A87B11



544D4C



941E00



140400



# Inverse Universe

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



1189A8



00AEDB



113EA8



4C5254



007694



001014



# Previews

## White Background



This preview shows how the Hex color A83011 looks on a white background.

## Color Contrast Check

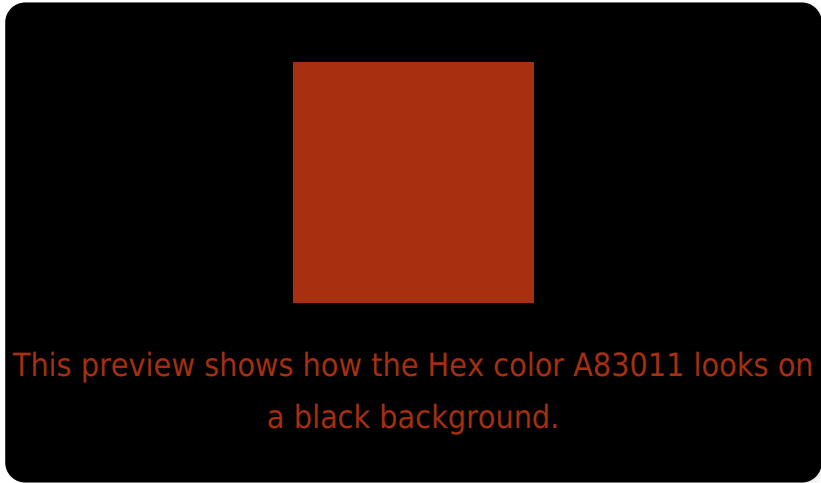
Large Text (above 18pt) WCAG AA ✓ Pass

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 A83011 Background



This preview shows how black text looks on a background with the Hex color A83011.

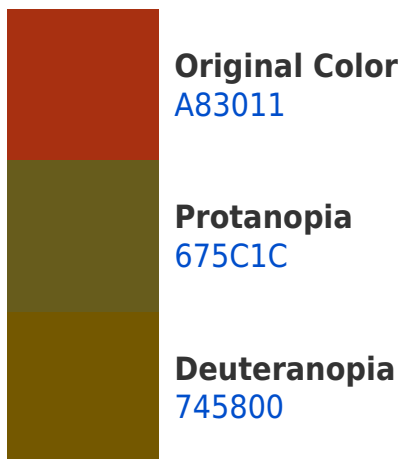


This preview shows how white text looks on a background with the Hex color A83011.

# 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





**Tritanopia**  
A92D2F

# Trichromacy



**Original Color**  
A83011

**Protanomaly**  
7F4C18

**Deuteranomaly**  
874906

**Tritanomaly**  
A92E24

# Monochromacy



**Original Color**  
A83011

**Achromatopsia**  
505050

**Achromatomaly**  
704439

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A83011 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 #A83011 looks like.

```
.text, #text, p{  
    color:#A83011  
}
```

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 #A83011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A83011
}
```

## Border

The CSS property to change the border of an element to Hex A83011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

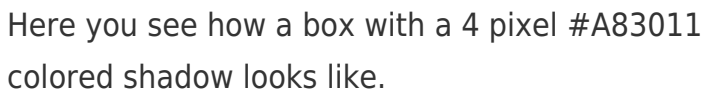
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A83011 }
```

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

```
.border{ border-color:#A83011 }
```

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



Here you see how a box with a 4 pixel #A83011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A83011; -webkit-box-shadow:4px 4px  
4px 4px #A83011; box-shadow:4px 4px 4px  
4px #A83011 }
```

# Background

The CSS property to change the background color of an element to Hex A83011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A83011 }
```

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

```
.background{ background-color:#A83011 }
```

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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