

# Converting Colors

Hex(8A3100)

Have a look what the booklet for  
Hex(8A3100) contains.

<b>Hex(8A3100)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(8A3100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A3100
RGB	138, 49, 0
RGB Percent	54%, 19%, 0%
CMY	0.4588, 0.8078, 1.0000
CMYK	0.00, 0.64, 1.00, 0.46
HSL	21°, 100%, 27%
HSV	21°, 100%, 54%
XYZ	11.5795, 7.5999, 0.8566
YIQ	70.0250, 68.7730, 3.6290

# Conversions

## Conversions Part 2

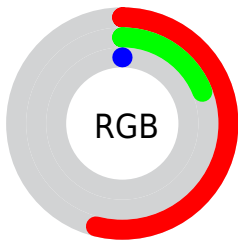
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 76, 0
Decimal	9056512
CIELab	33.14, 36.08, 44.88
CIELCh	33, 57.581, 51.203
Yxy	7.5999, 0.5779, 0.3793
Android (android.graphics.Color)	4287246592 (0xFF8A3100)
YUV	70.0250, -34.5223, 59.6141
Hunter-Lab	27.5679, 26.7328, 17.4552

# Details

The Hex color **8A3100** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **00598A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **C66332**, and **500000** is the 20% darker color. If you saturate the color by 10%, you get **8A3100**, and if you desaturate by 10%, it is **8A3A0E**.

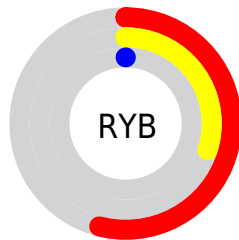
# Distribution



Red (54%)

Green (19%)

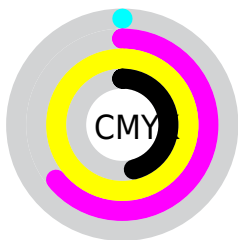
Blue (0%)



Red (54%)

Yellow (30%)

Blue (0%)

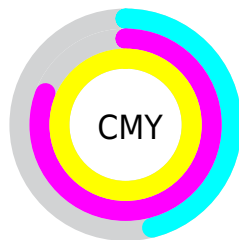


Cyan (0%)

Magenta (64%)

Yellow (100%)

Black (46%)



Cyan (46%)

Magenta (81%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A3100 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 8A3100 by changing the saturation by 10% instead.



 8A3100

 8A3100

 FFFFEA

 6D1700

 C66332

 500000

 E57D4A

 350000

 FF9763

 100000

 FFB37C

 000000

 FFCF97

 FFEBB2

 FFFFCE

 8A3100

 8A3A0E

 8A431C

 8A4C29

 8A5537

 8A5E45

 8A6653

 8A6F61

 8A786E

 8A817C

# Harmonies

## Analogous

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



9B1230



8A3100



6B4700

# Triad

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



8A3100



00603F



1F48A4

# Complementary

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



8A3100



00598A

# 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.



0058A9



8A3100



00616E

# Square

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



8A3100



005D0A



005F95



762F88

# Rectangle

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



8A3100



515100



005F95



004EA9



# Sweetspot

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



8A3100



B3907D



8A005A



594539



D9D9D9



595959



# Same Dimension

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



8A3100



B33F00



8A7500



45403E



852F00



050200



# Inverse Universe

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



00598A



0073B3



00158A



3E4245



005685

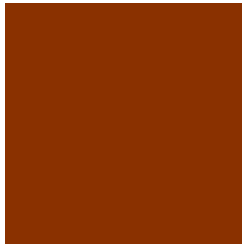


000305



# Previews

## White Background



This preview shows how the Hex color 8A3100 looks on a white background.

## Color Contrast Check

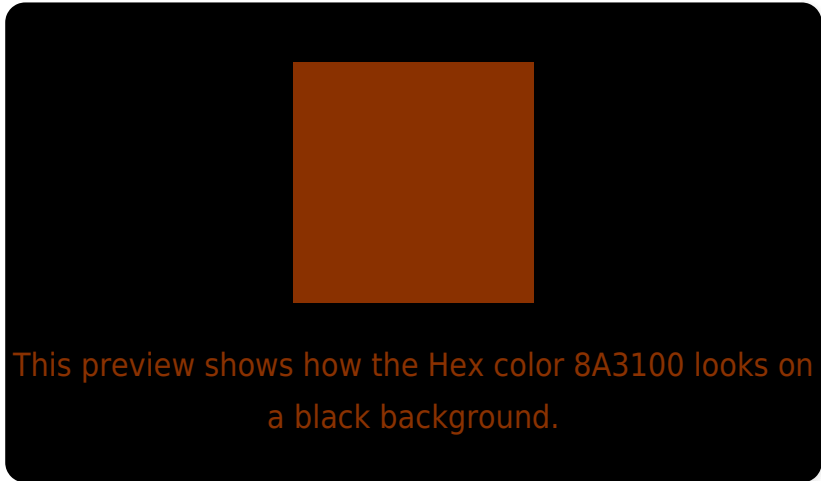
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 8A3100 Background



This preview shows how black text looks on a background with the Hex color 8A3100.



This preview shows how white text looks on a background with the Hex color 8A3100.

# 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**  
8A3100

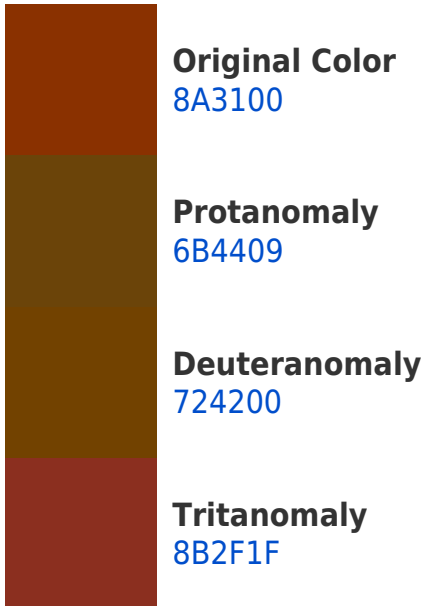
**Protanopia**  
594F0E

**Deuteranopia**  
644B00

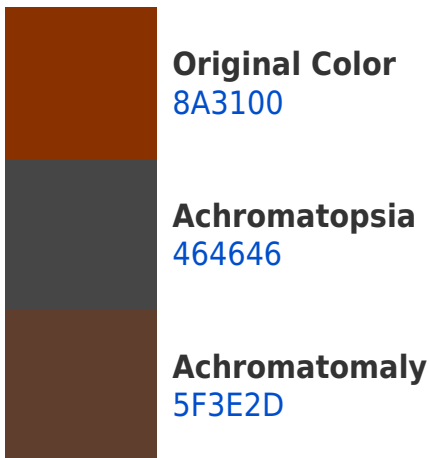


**Tritanopia**  
8B2E30

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A3100 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 #8A3100 looks like.

```
.text, #text, p{  
    color:#8A3100  
}
```

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 #8A3100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A3100
}
```

## Border

The CSS property to change the border of an element to Hex 8A3100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

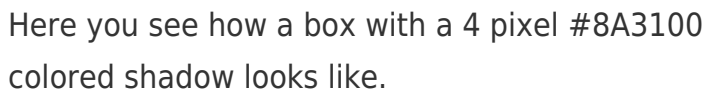
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A3100 }
```

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

```
.border{ border-color:#8A3100 }
```

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



Here you see how a box with a 4 pixel #8A3100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A3100; -webkit-box-shadow:4px 4px  
4px 4px #8A3100; box-shadow:4px 4px 4px  
4px #8A3100 }
```

# Background

The CSS property to change the background color of an element to Hex 8A3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A3100 }
```

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

```
.background{ background-color:#8A3100 }
```

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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