

# Converting Colors

Hex(8C3601)

Have a look what the booklet for  
Hex(8C3601) contains.

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**Color**

**Hex(8C3601)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C3601
RGB	140, 54, 1
RGB Percent	55%, 21%, 0%
CMY	0.4510, 0.7882, 0.9961
CMYK	0.00, 0.61, 0.99, 0.45
HSL	23°, 99%, 28%
HSV	23°, 99%, 55%
XYZ	12.1399, 8.2160, 0.9747
YIQ	73.6720, 68.2690, 1.7490

# Conversions

## Conversions Part 2

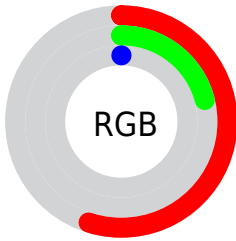
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 87, 1
Decimal	9188865
CIELab	34.43, 34.44, 45.42
CIELCh	34, 56.999, 52.829
Yxy	8.2160, 0.5691, 0.3852
Android (android.graphics.Color)	4287378945 (0xFF8C3601)
YUV	73.6720, -35.8273, 58.1697
Hunter-Lab	28.6635, 25.4390, 18.0483

# Details

The Hex color **8C3601** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **01578C**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **C86834**, and **520100** is the 20% darker color. If you saturate the color by 10%, you get **8C3500**, and if you desaturate by 10%, it is **8C3F0F**.

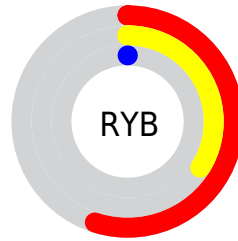
# Distribution



Red (55%)

Green (21%)

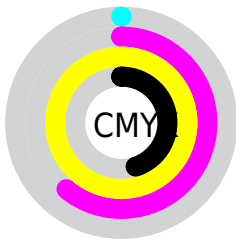
Blue (0%)



Red (55%)

Yellow (34%)

Blue (0%)

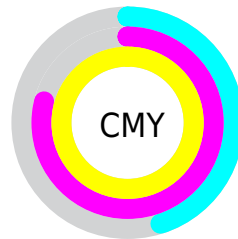


Cyan (0%)

Magenta (61%)

Yellow (99%)

Black (45%)



Cyan (45%)

Magenta (79%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C3601 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 8C3601 by changing the saturation by 10% instead.



 8C3601

 8C3601

 FFFFED

 6F1D00

 C86834

 520100

 E7824C

 370000

 FF9C65

 160000

 FFB87F

 000000

 FFD499

 FFF0B4

 FFFF00

 8C3601

 8C3601

■ 8C3500

■ 8C3F0F

■ 8C471D

■ 8C502B

■ 8C5939

■ 8C6147

■ 8C6A55

■ 8C7363

■ 8C7B71

■ 8C847F

# Harmonies

## Analogous

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



9E1B31



8C3601



6D4B00

# Triad

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



8C3601



006444



2F4AA6

# Complementary

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



8C3601



01578C

# 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.



005AAC



8C3601



006473

# Square

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



8C3601



006012



006299



7B3189

# Rectangle

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



8C3601



525500



006299



0050AB



# Sweetspot

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



8C3601



B5937F



8C0159



5C473B



DBDBDB



5C5C5C



# Same Dimension

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



8C3601



B54500



8C7901



45413E



853300



050200



# Inverse Universe

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



01578C



0070B5



01148C



3E4245



005285



000305



# Previews

## White Background



This preview shows how the Hex color 8C3601 looks on a white background.

## Color Contrast Check

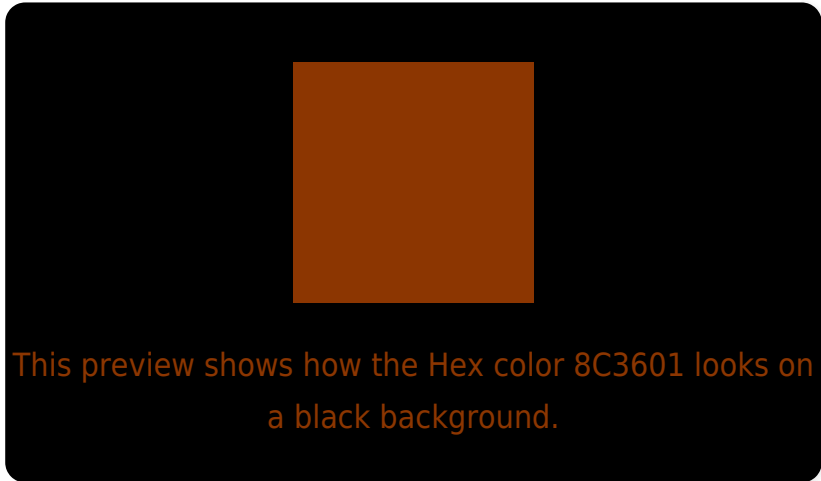
Large Text (above 18pt) WCAG AA ✓ Pass

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

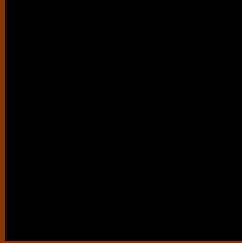
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8C3601 Background



This preview shows how black text looks on a background with the Hex color 8C3601.



This preview shows how white text looks on a background with the Hex color 8C3601.

# 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**  
8C3601

**Protanopia**  
5C520E

**Deuteranopia**  
684E00



**Tritanopia**  
8D3235

# Trichromacy



**Original Color**  
8C3601

**Protanomaly**  
6D4809

**Deuteranomaly**  
754500

**Tritanomaly**  
8D3322

# Monochromacy



**Original Color**  
8C3601

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
62432F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C3601 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 #8C3601 looks like.

```
.text, #text, p{  
    color:#8C3601  
}
```

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 #8C3601 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C3601
}
```

## Border

The CSS property to change the border of an element to Hex 8C3601 is called "border". The border property can be set on classes, ids or directly on the HTML element.

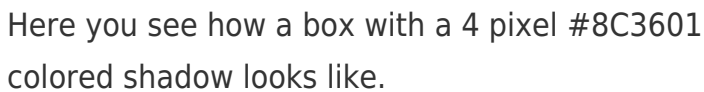
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C3601 }
```

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

```
.border{ border-color:#8C3601 }
```

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



Here you see how a box with a 4 pixel #8C3601 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C3601; -webkit-box-shadow:4px 4px  
4px 4px #8C3601; box-shadow:4px 4px 4px  
4px #8C3601 }
```

# Background

The CSS property to change the background color of an element to Hex 8C3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C3601 }
```

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

```
.background{ background-color:#8C3601 }
```

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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