

# Converting Colors

Hex(8C1A00)

Have a look what the booklet for  
Hex(8C1A00) contains.

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**Color**

**Hex(8C1A00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C1A00
RGB	140, 26, 0
RGB Percent	55%, 10%, 0%
CMY	0.4510, 0.8980, 1.0000
CMYK	0.00, 0.81, 1.00, 0.45
HSL	11°, 100%, 27%
HSV	11°, 100%, 55%
XYZ	11.1846, 6.3142, 0.6293
YIQ	57.1220, 76.2900, 16.0820

# Conversions

## Conversions Part 2

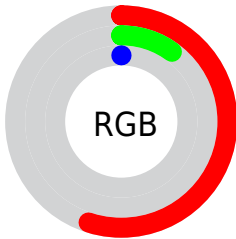
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 32, 0
Decimal	9181696
CIE Lab	30.19, 45.92, 43.05
CIE LCh	30, 62.943, 43.158
Yxy	6.3142, 0.6170, 0.3483
Android (android.graphics.Color)	4287371776 (0xFF8C1A00)
YUV	57.1220, -28.1611, 72.6840
Hunter-Lab	25.1281, 35.4766, 16.1049

# Details

The Hex color **8C1A00** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00728C**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **C95130**, and **500000** is the 20% darker color. If you saturate the color by 10%, you get **8C1A00**, and if you desaturate by 10%, it is **8C250E**.

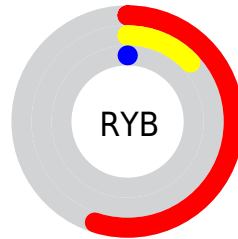
# Distribution



Red (55%)

Green (10%)

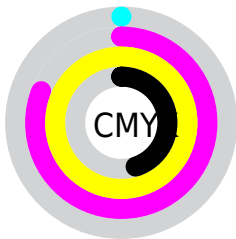
Blue (0%)



Red (55%)

Yellow (13%)

Blue (0%)

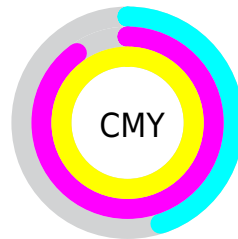


Cyan (0%)

Magenta (81%)

Yellow (100%)

Black (45%)



Cyan (45%)

Magenta (90%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C1A00 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 8C1A00 by changing the saturation by 10% instead.



 8C1A00

 8C1A00

 FFFFE6

 6E0000

 C95130

 500000

 E86C47

 370002

 FF8660

 090000

 FFA279

 000000

 FFBE93

 FFDAAE

 FFF7CA

 8C1A00

 8C250E

 8C311C

 8C3C2A

 8C4838

 8C5346

 8C5E54

 8C6A62

 8C7570

 8C817E

# Harmonies

## Analogous

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



990034



8C1A00



6E3A00

# Triad

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



8C1A00



005928



0047A8

# Complementary

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



8C1A00



00728C

# 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.



0055A6



8C1A00



005B5C

# Square

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



8C1A00



005500



005A8A



612C90

# Rectangle

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



8C1A00



534700



005A8A



004DAB



# Sweetspot

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



8C1A00



B5897F



8C0072



5C413B



DBDBDB



5C5C5C



# Same Dimension

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



8C1A00



B52200



8C6000



453F3E



851900



050100



# Inverse Universe

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



00728C



0093B5



002C8C



3E4445



006C85

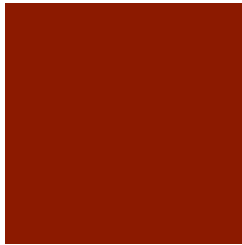


000405



# Previews

## White Background



This preview shows how the Hex color 8C1A00 looks on a white background.

## Color Contrast Check

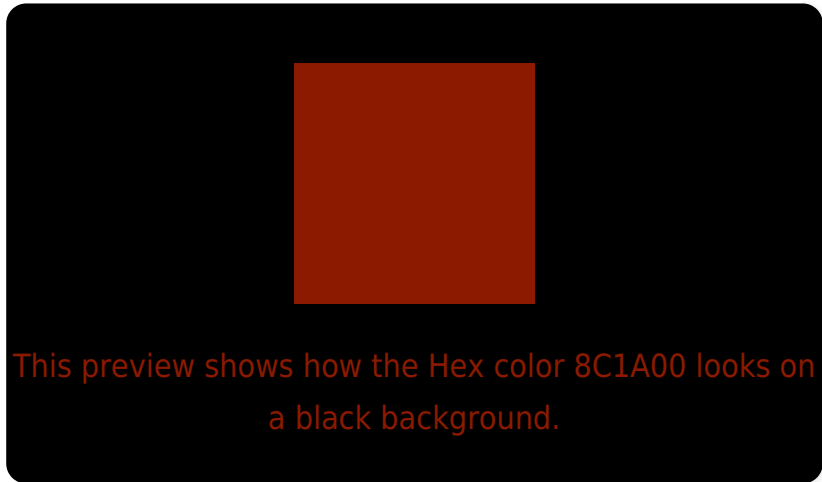
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C1A00 Background



This preview shows how black text looks on a background with the Hex color 8C1A00.



This preview shows how white text looks on a background with the Hex color 8C1A00.

# 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**  
8C1A00

**Protanopia**  
524911

**Deuteranopia**  
5C4500



**Tritanopia**  
8C1818

# Trichromacy



**Original Color**  
8C1A00

**Protanomaly**  
67380B

**Deuteranomaly**  
6D3500

**Tritanomaly**  
8C190F

# Monochromacy



**Original Color**  
8C1A00

**Achromatopsia**  
393939

**Achromatomaly**  
572E24

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C1A00 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 #8C1A00 looks like.

```
.text, #text, p{  
    color:#8C1A00  
}
```

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 #8C1A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C1A00
}
```

## Border

The CSS property to change the border of an element to Hex 8C1A00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

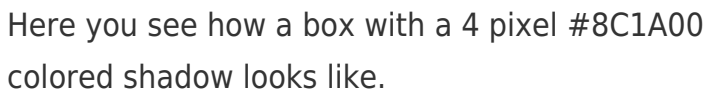
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C1A00 }
```

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

```
.border{ border-color:#8C1A00 }
```

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



Here you see how a box with a 4 pixel #8C1A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C1A00; -webkit-box-shadow:4px 4px  
4px 4px #8C1A00; box-shadow:4px 4px 4px  
4px #8C1A00 }
```

# Background

The CSS property to change the background color of an element to Hex 8C1A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C1A00 }
```

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

```
.background{ background-color:#8C1A00 }
```

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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