

# Converting Colors

Hex(8B1E00)

Have a look what the booklet for  
Hex(8B1E00) contains.

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**Color**

**Hex(8B1E00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B1E00
RGB	139, 30, 0
RGB Percent	55%, 12%, 0%
CMY	0.4549, 0.8824, 1.0000
CMYK	0.00, 0.78, 1.00, 0.45
HSL	13°, 100%, 27%
HSV	13°, 100%, 55%
XYZ	11.1117, 6.4175, 0.6531
YIQ	59.1710, 74.5940, 13.7780

# Conversions

## Conversions Part 2

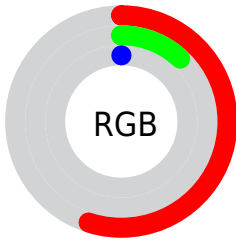
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 38, 0
Decimal	9117184
CIE <sub>Lab</sub>	30.44, 44.30, 43.15
CIE <sub>LCh</sub>	30, 61.840, 44.242
Yxy	6.4175, 0.6111, 0.3530
Android (android.graphics.Color)	4287307264 (0xFF8B1E00)
YUV	59.1710, -29.1713, 70.0100
Hunter-Lab	25.3328, 33.9631, 16.2045

# Details

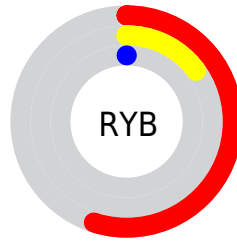
The Hex color **8B1E00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **006D8B**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **C85430**, and **500000** is the 20% darker color. If you saturate the color by 10%, you get **8B1E00**, and if you desaturate by 10%, it is **8B290E**.

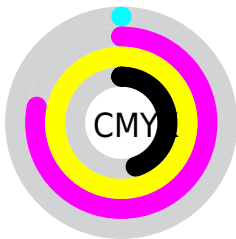
# Distribution



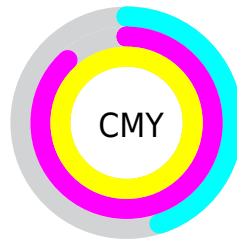
- Red (55%)
- Green (12%)
- Blue (0%)



- Red (55%)
- Yellow (15%)
- Blue (0%)



- Cyan (0%)
- Magenta (78%)
- Yellow (100%)
- Black (45%)



- Cyan (45%)
- Magenta (88%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B1E00 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 8B1E00 by changing the saturation by 10% instead.



 8B1E00

 8B1E00

 FFFFE6

 6D0000

 C85430

 500000

 E76E48

 360002

 FF8960

 080000

 FFA479

 000000

 FFC094

 FFDCAF

 FFFACA

 8B1E00

 8B290E

 8B341C

 8B3F2A

 8B4A38

 8B5546

 8B5F53

 8B6A61

 8B756F

 8B807D

# Harmonies

## Analogous

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



990033



8B1E00



6D3C00

# Triad

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



8B1E00



005A2B



0047A7

# Complementary

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



8B1E00



006D8B

# 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



8B1E00



005B5E

# Square

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



8B1E00



005600



005A8B



632C8E

# Rectangle

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



8B1E00



534800



005A8B



004CAA



# Sweetspot

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



8B1E00



B58A7F



8B006F



5C423B



DBDBDB



5C5C5C



# Same Dimension

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



8B1E00



B52700



8B6100



453F3E



851D00



050100



# Inverse Universe

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



006D8B



008EB5



002A8B



3E4345



006885

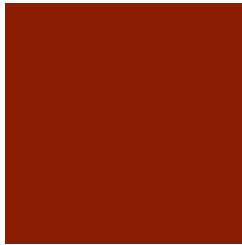


000405



# Previews

## White Background



This preview shows how the Hex color 8B1E00 looks on a white background.

## Color Contrast Check

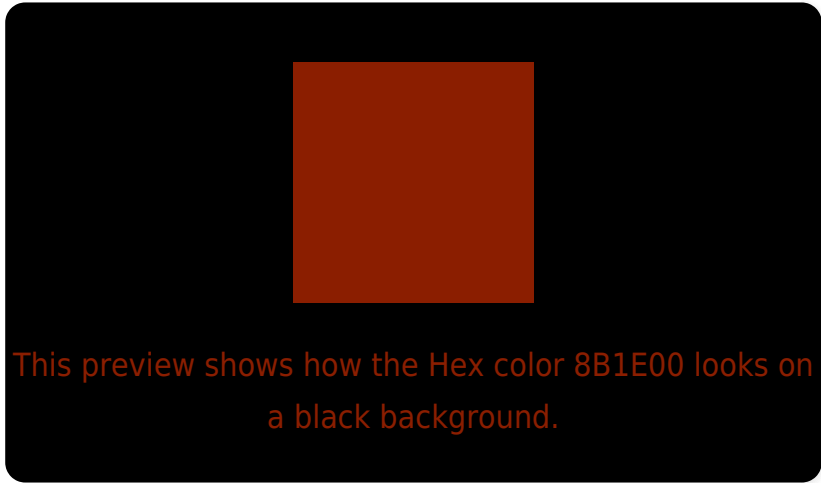
Large Text (above 18pt) WCAG AA ✓ Pass

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

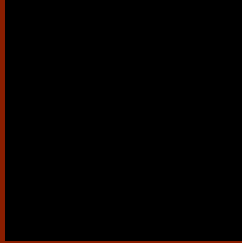
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B1E00 Background



This preview shows how black text looks on a background with the Hex color 8B1E00.



This preview shows how white text looks on a background with the Hex color 8B1E00.

# 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**  
8B1E00

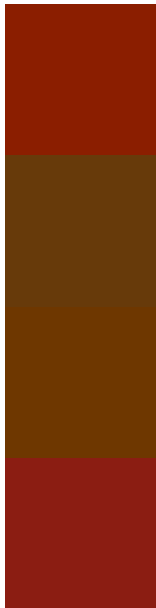
**Protanopia**  
534A10

**Deuteranopia**  
5D4600



**Tritanopia**  
8B1C1C

# Trichromacy



**Original Color**  
8B1E00

**Protanomaly**  
673A0A

**Deuteranomaly**  
6E3700

**Tritanomaly**  
8B1D12

# Monochromacy



**Original Color**  
8B1E00

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
583026

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B1E00 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 #8B1E00 looks like.

```
.text, #text, p{  
    color:#8B1E00  
}
```

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 #8B1E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B1E00
}
```

## Border

The CSS property to change the border of an element to Hex 8B1E00 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".

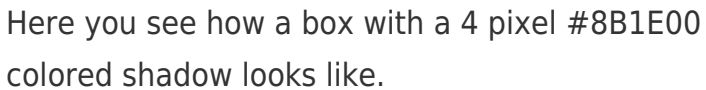
```
.border, #border, table{ border:4px solid
#8B1E00 }
```

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

```
.border{ border-color:#8B1E00 }
```

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

Here you see how a box with a 4 pixel #8B1E00 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #8B1E00 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B1E00; -webkit-box-shadow:4px 4px  
4px 4px #8B1E00; box-shadow:4px 4px 4px  
4px #8B1E00 }
```

# Background

The CSS property to change the background color of an element to Hex 8B1E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B1E00 }
```

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

```
.background{ background-color:#8B1E00 }
```

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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