

# Converting Colors

Hex(8E1900)

Have a look what the booklet for  
Hex(8E1900) contains.

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**Color**

**Hex(8E1900)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E1900
RGB	142, 25, 0
RGB Percent	56%, 10%, 0%
CMY	0.4431, 0.9020, 1.0000
CMYK	0.00, 0.82, 1.00, 0.44
HSL	11°, 100%, 28%
HSV	11°, 100%, 56%
XYZ	11.5030, 6.4460, 0.6379
YIQ	57.1330, 77.7570, 17.0290

# Conversions

## Conversions Part 2

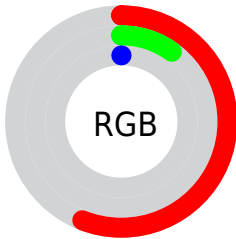
Format	Color
<a href="#">RYB</a>	142, 30, 0
Decimal	9312512
CIELab	30.51, 46.84, 43.48
CIElCh	31, 63.912, 42.869
Yxy	6.4460, 0.6189, 0.3468
Android (android.graphics.Color)	4287502592 (0xFF8E1900)
YUV	57.1330, -28.1666, 74.4284
Hunter-Lab	25.3891, 36.4417, 16.2826

# Details

The Hex color **8E1900** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00758E**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **CB5130**, and **520000** is the 20% darker color. If you saturate the color by 10%, you get **8E1900**, and if you desaturate by 10%, it is **8E250E**.

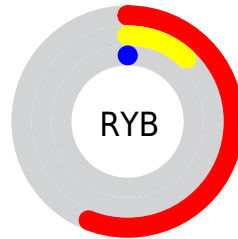
# Distribution



Red (56%)

Green (10%)

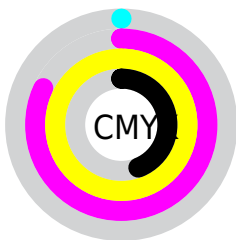
Blue (0%)



Red (56%)

Yellow (12%)

Blue (0%)

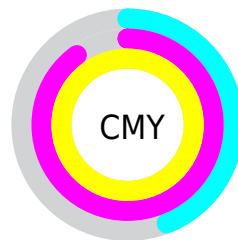


Cyan (0%)

Magenta (82%)

Yellow (100%)

Black (44%)



Cyan (44%)

Magenta (90%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E1900 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 8E1900 by changing the saturation by 10% instead.



 8E1900

 8E1900

 FFFFE6

 700000

 CB5130

 520000

 EB6C47

 380002

 FF8660

 0F0000

 FFA279

 000000

 FFBE93

 FFDAAE

 FFF7CA

 8E1900

 8E250E

 8E301C

 8E3C2B

 8E4839

 8E5447

 8E5F55

 8E6B63

 8E7772

 8E8280

# Harmonies

## Analogous

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



9B0035



8E1900



703B00

# Triad

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



8E1900



005A28



0048AB

# Complementary

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



8E1900



00758E

# 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.



0056A9



8E1900



005C5D

# Square

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



8E1900



005600



005B8C



612C92

# Rectangle

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



8E1900



554800



005B8C



004EAD



# Sweetspot

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



8E1900



B88A81



8E0076



5C413B



DBDBDB



5C5C5C



# Same Dimension

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



8E1900



B82000



8E5F00



474240



871800



080100



# Inverse Universe

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



00758E



0097B8



002F8E



404647



006F87

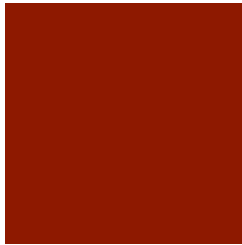


000608



# Previews

## White Background



This preview shows how the Hex color 8E1900 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

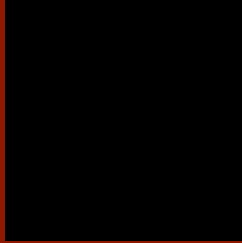
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8E1900 Background



This preview shows how black text looks on a background with the Hex color 8E1900.



This preview shows how white text looks on a background with the Hex color 8E1900.

# 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**  
8E1900

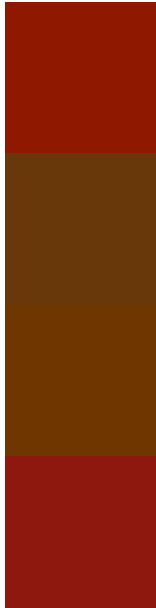
**Protanopia**  
534A11

**Deuteranopia**  
5D4600



**Tritanopia**  
8E1816

# Trichromacy



**Original Color**  
8E1900

**Protanomaly**  
68380B

**Deuteranomaly**  
6F3600

**Tritanomaly**  
8E180E

# Monochromacy



**Original Color**  
8E1900

**Achromatopsia**  
393939

**Achromatomaly**  
582D24

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E1900 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 #8E1900 looks like.

```
.text, #text, p{  
    color:#8E1900  
}
```

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 #8E1900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E1900
}
```

## Border

The CSS property to change the border of an element to Hex 8E1900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

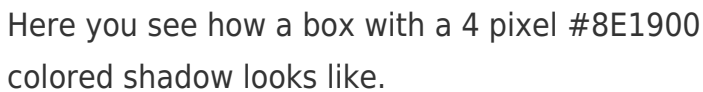
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E1900 }
```

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

```
.border{ border-color:#8E1900 }
```

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



Here you see how a box with a 4 pixel #8E1900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E1900; -webkit-box-shadow:4px 4px  
4px 4px #8E1900; box-shadow:4px 4px 4px  
4px #8E1900 }
```

# Background

The CSS property to change the background color of an element to Hex 8E1900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E1900 }
```

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

```
.background{ background-color:#8E1900 }
```

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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