

# Converting Colors

Hex(891C00)

Have a look what the booklet for  
Hex(891C00) contains.

<b>Hex(891C00)</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(891C00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	891C00
RGB	137, 28, 0
RGB Percent	54%, 11%, 0%
CMY	0.4627, 0.8902, 1.0000
CMYK	0.00, 0.80, 1.00, 0.46
HSL	12°, 100%, 27%
HSV	12°, 100%, 54%
XYZ	10.7318, 6.1489, 0.6212
YIQ	57.3990, 73.9520, 14.4000

# Conversions

## Conversions Part 2

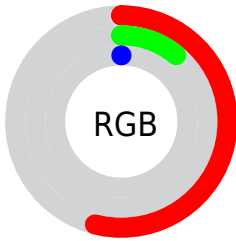
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 35, 0
Decimal	8985600
CIE Lab	29.78, 44.32, 42.47
CIE LCh	30, 61.380, 43.780
Yxy	6.1489, 0.6132, 0.3513
Android (android.graphics.Color)	4287175680 (0xFF891C00)
YUV	57.3990, -28.2977, 69.8101
Hunter-Lab	24.7969, 33.8578, 15.8725

# Details

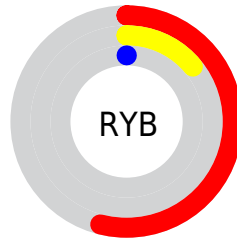
The Hex color **891C00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **006D89**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **C65230**, and **4E0000** is the 20% darker color. If you saturate the color by 10%, you get **891C00**, and if you desaturate by 10%, it is **89270E**.

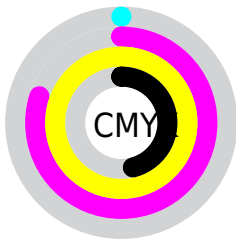
# Distribution



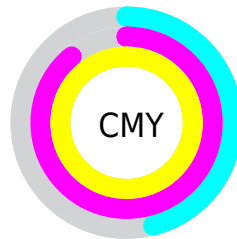
- Red (54%)
- Green (11%)
- Blue (0%)



- Red (54%)
- Yellow (14%)
- Blue (0%)



- Cyan (0%)
- Magenta (80%)
- Yellow (100%)
- Black (46%)



- Cyan (46%)
- Magenta (89%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 891C00 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 891C00 by changing the saturation by 10% instead.



 891C00

 891C00

 FFFFE6

 6B0000

 C65230

 4E0000

 E56C47

 340002

 FF8760

 010000

 FFA279

 000000

 FFBE93

 FFDBAE

 FFF8CA

 891C00

 89270E

 89321B

 893D29

 894837

 895245

 895D52

 896860

 89736E

 897E7B

# Harmonies

## Analogous

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



960033



891C00



6C3A00

# Triad

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



891C00



005829



0045A5

# Complementary

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



891C00



006D89

# 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.



0053A3



891C00



00595C

# Square

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



891C00



005400



005988



612B8C

# Rectangle

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



891C00



524700



005988



004BA7



# Sweetspot

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



891C00



B3887D



89006E



594039



D9D9D9



595959



# Same Dimension

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



891C00



B32400



896000



453F3E



851B00



050100



# Inverse Universe

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



006D89



008EB3



002989



3E4345



006985

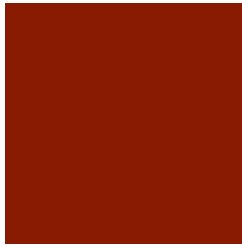


000405



# Previews

## White Background



This preview shows how the Hex color 891C00 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

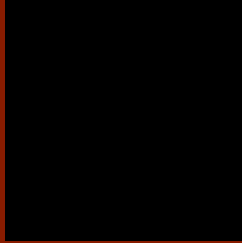
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 891C00 Background



This preview shows how black text looks on a background with the Hex color 891C00.



This preview shows how white text looks on a background with the Hex color 891C00.

# 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**  
891C00

**Protanopia**  
514810

**Deuteranopia**  
5B4400



**Tritanopia**  
891A1A

# Trichromacy



**Original Color**  
891C00

**Protanomaly**  
65380A

**Deuteranomaly**  
6C3500

**Tritanomaly**  
891B11

# Monochromacy



**Original Color**  
891C00

**Achromatopsia**  
393939

**Achromatomaly**  
562E24

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 891C00 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 #891C00 looks like.

```
.text, #text, p{  
    color:#891C00  
}
```

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 #891C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #891C00
}
```

## Border

The CSS property to change the border of an element to Hex 891C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

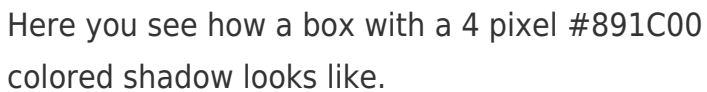
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#891C00 }
```

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

```
.border{ border-color:#891C00 }
```

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



Here you see how a box with a 4 pixel #891C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #891C00; -webkit-box-shadow:4px 4px  
4px 4px #891C00; box-shadow:4px 4px 4px  
4px #891C00 }
```

# Background

The CSS property to change the background color of an element to Hex 891C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#891C00 }
```

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

```
.background{ background-color:#891C00 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor