

# Converting Colors

Hex(831400)

Have a look what the booklet for  
Hex(831400) contains.

<b>Hex(831400)</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(831400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	831400
RGB	131, 20, 0
RGB Percent	51%, 8%, 0%
CMY	0.4863, 0.9216, 1.0000
CMYK	0.00, 0.85, 1.00, 0.49
HSL	9°, 100%, 26%
HSV	9°, 100%, 51%
XYZ	9.6102, 5.3256, 0.5214
YIQ	50.9090, 72.5760, 17.3120

# Conversions

## Conversions Part 2

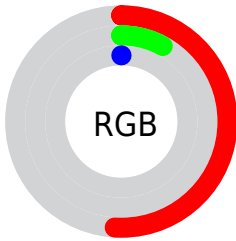
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 24, 0
Decimal	8590336
CIE Lab	27.64, 44.82, 40.20
CIE LCh	28, 60.207, 41.892
Yxy	5.3256, 0.6217, 0.3445
Android (android.graphics.Color)	4286780416 (0xFF831400)
YUV	50.9090, -25.0981, 70.2398
Hunter-Lab	23.0773, 33.9488, 14.8144

# Details

The Hex color **831400** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **006F83**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **C04C2F**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **831400**, and if you desaturate by 10%, it is **831F0D**.

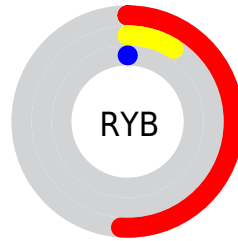
# Distribution



Red (51%)

Green (8%)

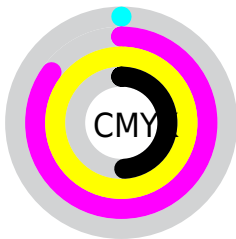
Blue (0%)



Red (51%)

Yellow (9%)

Blue (0%)

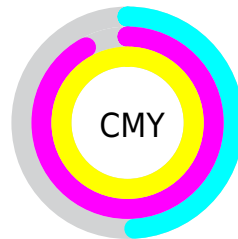


Cyan (0%)

Magenta (85%)

Yellow (100%)

Black (49%)



Cyan (49%)

Magenta (92%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 831400 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 831400 by changing the saturation by 10% instead.



 831400

 831400

 FFFFE4

 650000

 C04C2F

 480000

 DE6646

 2E0002

 FE815F

 000000

 FF9C78

 FFB892

 FFD4AD

 FFF1C8

 831400

■ 831F0D

■ 832A1A

■ 833527

■ 834034

■ 834C42

■ 83574F

■ 83625C

■ 836D69

■ 837876

# Harmonies

## Analogous

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



8F0031



831400



673400

# Triad

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



831400



005222



00429E

# Complementary

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



831400



006F83

# 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.



004F9B



831400



005453

# Square

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



831400



004E00



00537F



562987

# Rectangle

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



831400



4E4100



00537F



0047A0



# Sweetspot

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



831400



AB7F78



83006F



573C37



D6D6D6



575757



# Same Dimension

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



831400



AB1A00



835500



423D3C



821400



030000



# Inverse Universe

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



006F83



0091AB



002E83



3C4142



006E82

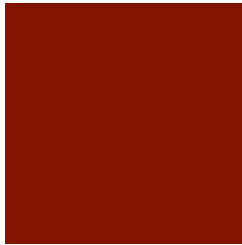


000203



# Previews

## White Background



This preview shows how the Hex color 831400 looks on a white background.

## Color Contrast Check

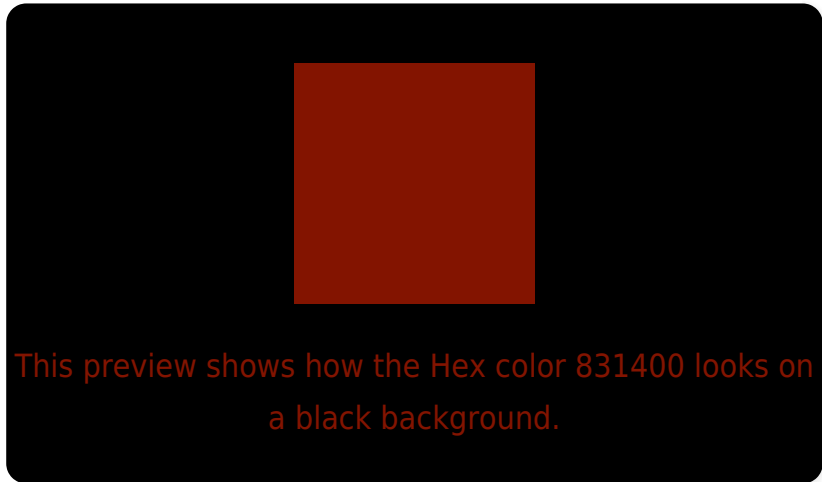
Large Text (above 18pt) WCAG AA ✓ Pass

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

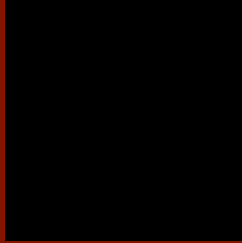
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 831400 Background



This preview shows how black text looks on a background with the Hex color 831400.



This preview shows how white text looks on a background with the Hex color 831400.

# 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**  
831400

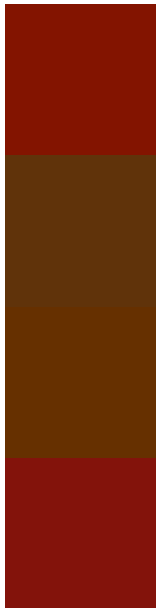
**Protanopia**  
4C4410

**Deuteranopia**  
554000



**Tritanopia**  
831311

# Trichromacy



**Original Color**  
831400

**Protanomaly**  
60330A

**Deuteranomaly**  
663000

**Tritanomaly**  
83130B

# Monochromacy



**Original Color**  
831400

**Achromatopsia**  
333333

**Achromatomaly**  
502820

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 831400 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 #831400 looks like.

```
.text, #text, p{  
    color:#831400  
}
```

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 #831400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #831400
}
```

## Border

The CSS property to change the border of an element to Hex 831400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

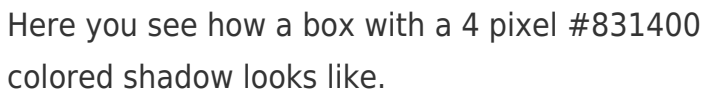
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#831400 }
```

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

```
.border{ border-color:#831400 }
```

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



Here you see how a box with a 4 pixel #831400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #831400; -webkit-box-shadow:4px 4px  
4px 4px #831400; box-shadow:4px 4px 4px  
4px #831400 }
```

# Background

The CSS property to change the background color of an element to Hex 831400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#831400 }
```

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

```
.background{ background-color:#831400 }
```

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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