

Converting Colors

Hex(831200)

Have a look what the booklet for
Hex(831200) contains.

Hex(831200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(831200)

Conversions

Conversions Part 1

Format	Color
Hex	831200
RGB	131, 18, 0
RGB Percent	51%, 7%, 0%
CMY	0.4863, 0.9294, 1.0000
CMYK	0.00, 0.86, 1.00, 0.49
HSL	8°, 100%, 26%
HSV	8°, 100%, 51%
XYZ	9.5764, 5.2579, 0.5101
YIQ	49.7350, 73.1260, 18.3580

Conversions

Conversions Part 2

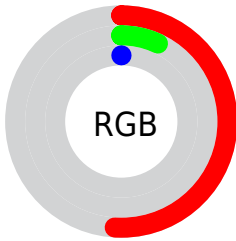
Format	Color
RYB	131, 21, 0
Decimal	8589824
CIELab	27.46, 45.35, 40.04
CIElCh	27, 60.495, 41.447
Yxy	5.2579, 0.6241, 0.3427
Android (android.graphics.Color)	4286779904 (0xFF831200)
YUV	49.7350, -24.5194, 71.2694
Hunter-Lab	22.9301, 34.4198, 14.7320

Details

The Hex color **831200** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **007183**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **C04B2F**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **831200**, and if you desaturate by 10%, it is **831D0D**.

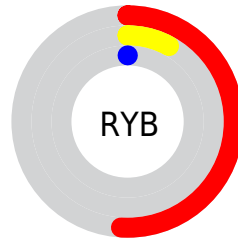
Distribution



Red (51%)

Green (7%)

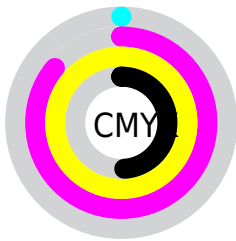
Blue (0%)



Red (51%)

Yellow (8%)

Blue (0%)

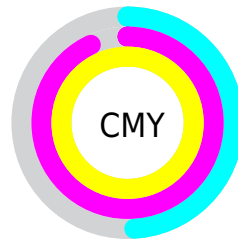


Cyan (0%)

Magenta (86%)

Yellow (100%)

Black (49%)



Cyan (49%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 831200 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 831200 by changing the saturation by 10% instead.

 831200

 831200

 FFFFE4

 650000

 C04B2F

 480000

 DF6546

 2E0002

 FE805F

 000000

 FF9B78

 FFB792

 FFD3AD

 FFF0C8

 831200

 831D0D

 83291A

 833427

 833F34

 834A42

 83564F

 83615C

 836C69

 837876

Harmonies

Analogous

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



8E0032



831200



673300

Triad

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



831200



005221



00429E

Complementary

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



831200



007183

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.



004E9A



831200



005352

Square

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



831200



004D00



00537E



552988

Rectangle

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



831200



4F4000



00537E



0047A0

Sweetspot

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



831200



AB7F78



830072



573C37



D6D6D6



575757

Same Dimension

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



831200



AB1700



835300



423D3C



821200



030000

Inverse Universe

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



007183



0093AB



003083



3C4142



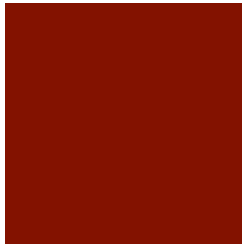
007082



000203

Previews

White Background



This preview shows how the Hex color 831200 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

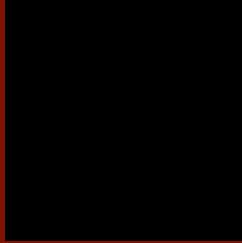
Any Text WCAG AA × Fail

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 831200 Background



This preview shows how black text looks on a background with the Hex color 831200.



This preview shows how white text looks on a background with the Hex color 831200.

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
831200

Protanopia
4C4310

Deuteranopia
554000



Tritanopia
83110F

Trichromacy



Original Color
831200

Protanomaly
60310A

Deuteranomaly
662F00

Tritanomaly
83110A

Monochromacy



Original Color
831200

Achromatopsia
323232

Achromatomaly
4F2620

CSS Examples

Text

The CSS property to change the color of the text to Hex 831200 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 #831200 looks like.

```
.text, #text, p{  
    color:#831200  
}
```

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 #831200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #831200
}
```

Border

The CSS property to change the border of an element to Hex 831200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

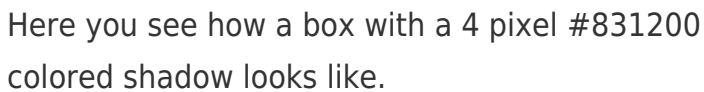
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#831200 }
```

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

```
.border{ border-color:#831200 }
```

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



Here you see how a box with a 4 pixel #831200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #831200; -webkit-box-shadow:4px 4px  
4px 4px #831200; box-shadow:4px 4px 4px  
4px #831200 }
```

Background

The CSS property to change the background color of an element to Hex 831200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#831200 }
```

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

```
.background{ background-color:#831200 }
```

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