

Converting Colors

Hex(8C310B)

Have a look what the booklet for
Hex(8C310B) contains.

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Color

Hex(8C310B)

Conversions

Conversions Part 1

Format	Color
Hex	8C310B
RGB	140, 49, 11
RGB Percent	55%, 19%, 4%
CMY	0.4510, 0.8078, 0.9569
CMYK	0.00, 0.65, 0.92, 0.45
HSL	18°, 85%, 30%
HSV	18°, 92%, 55%
XYZ	11.9739, 7.7962, 1.1903
YIQ	71.8770, 66.4340, 7.4740

Conversions

Conversions Part 2

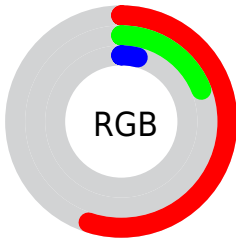
Format	Color
R _Y B	140, 65, 11
Decimal	9187595
CIE Lab	33.55, 37.05, 41.05
CIE LCh	34, 55.300, 47.931
Yxy	7.7962, 0.5713, 0.3719
Android (android.graphics.Color)	4287377675 (0xFF8C310B)
YUV	71.8770, -30.0124, 59.7439
Hunter-Lab	27.9217, 27.6847, 17.0176

Details

The Hex color **8C310B** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0B668C**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **C8633A**, and **520000** is the 20% darker color. If you saturate the color by 10%, you get **8C2900**, and if you desaturate by 10%, it is **8C3B19**.

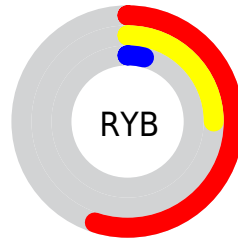
Distribution



Red (55%)

Green (19%)

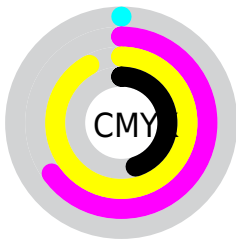
Blue (4%)



Red (55%)

Yellow (25%)

Blue (4%)

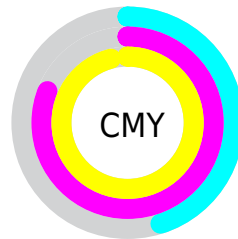


Cyan (0%)

Magenta (65%)

Yellow (92%)

Black (45%)



Cyan (45%)

Magenta (81%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C310B 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 8C310B by changing the saturation by 10% instead.

 8C310B

 8C310B

 FFFFF3

 6F1700

 C8633A

 520000

 E77D52

 370000

 FF986B

 150000

 FFB385

 000000

 FFCF9F

 FFECBB

 FFFFD7

 8C310B

 8C310B

■ 8C2900

■ 8C3B19

■ 8C4527

■ 8C4F35

■ 8C5943

■ 8C6251

■ 8C6C5F

■ 8C766D

■ 8C807B

■ 8C8A89

Harmonies

Analogous

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



9A1837



8C310B



6F4700

Triad

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



8C310B



00613B



0D4BA3

Complementary

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



8C310B



0B668C

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.



0059A5



8C310B



006269

Square

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



8C310B



005D08



006090



70348A

Rectangle

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



8C310B



575100



006090



0051A7

Sweetspot

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



8C310B



B59182



8C0B67



5C463D



DBDBDB



5C5C5C

Same Dimension

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



8C310B



B53500



8C700B



45403E



852700



050200

Inverse Universe

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



0B668C



0080B5



0B278C



3E4345



005E85



000405

Previews

White Background



This preview shows how the Hex color 8C310B 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 8C310B Background



This preview shows how black text looks on a background with the Hex color 8C310B.



This preview shows how white text looks on a background with the Hex color 8C310B.

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
8C310B

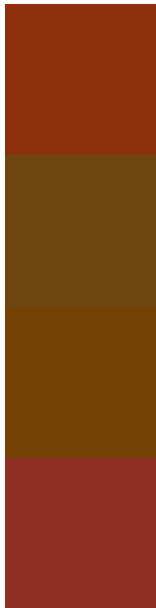
Protanopia
5A5013

Deuteranopia
654C00



Tritanopia
8D2E30

Trichromacy



Original Color
8C310B

Protanomaly
6C4510

Deuteranomaly
734204

Tritanomaly
8D2F23

Monochromacy



Original Color
8C310B

Achromatopsia
484848

Achromatomaly
614032

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C310B 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 #8C310B looks like.

```
.text, #text, p{  
    color:#8C310B  
}
```

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 #8C310B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C310B
}
```

Border

The CSS property to change the border of an element to Hex 8C310B 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
#8C310B }
```

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

```
.border{ border-color:#8C310B }
```

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

Here you see how a box with a 4 pixel #8C310B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C310B; -webkit-box-shadow:4px 4px  
4px 4px #8C310B; box-shadow:4px 4px 4px  
4px #8C310B }
```

Background

The CSS property to change the background color of an element to Hex 8C310B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C310B }
```

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

```
.background{ background-color:#8C310B }
```

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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