

Converting Colors

Hex(88310D)

Have a look what the booklet for
Hex(88310D) contains.

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Color

Hex(88310D)

Conversions

Conversions Part 1

Format	Color
Hex	88310D
RGB	136, 49, 13
RGB Percent	53%, 19%, 5%
CMY	0.4667, 0.8078, 0.9490
CMYK	0.00, 0.64, 0.90, 0.47
HSL	18°, 83%, 29%
HSV	18°, 90%, 53%
XYZ	11.3243, 7.4599, 1.2238
YIQ	70.9090, 63.4080, 7.2480

Conversions

Conversions Part 2

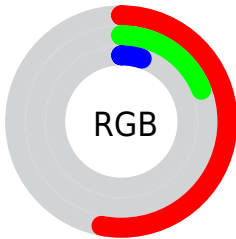
Format	Color
R_{YB}	136, 64, 13
Decimal	8925453
CIE Lab	32.83, 35.55, 39.39
CIE LCh	33, 53.063, 47.934
Yxy	7.4599, 0.5660, 0.3728
Android (android.graphics.Color)	4287115533 (0xFF88310D)
YUV	70.9090, -28.5491, 57.0848
Hunter-Lab	27.3129, 26.2111, 16.4624

Details

The Hex color **88310D** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0D6488**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **C3633C**, and **4E0000** is the 20% darker color. If you saturate the color by 10%, you get **882800**, and if you desaturate by 10%, it is **883B1B**.

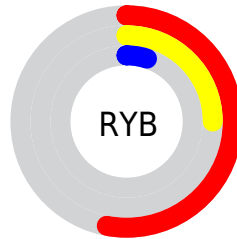
Distribution



Red (53%)

Green (19%)

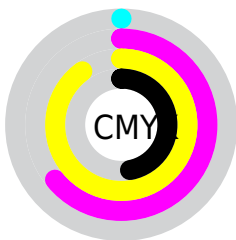
Blue (5%)



Red (53%)

Yellow (25%)

Blue (5%)

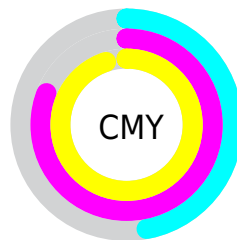


Cyan (0%)

Magenta (64%)

Yellow (90%)

Black (47%)



Cyan (47%)

Magenta (81%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88310D 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 88310D by changing the saturation by 10% instead.

 88310D

 88310D

 FFFFF4

 6B1700

 C3633C

 4E0000

 E27D54

 340000

 FF976C

 0C0000

 FFB386

 000000

 FFCFA1

 FFEBBC

 FFFFD8

 88310D

 88310D

■ 882800

■ 883B1B

■ 884428

■ 884E36

■ 885743

■ 886151

■ 886B5F

■ 88746C

■ 887E7A

■ 888887

Harmonies

Analogous

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



951B36



88310D



6D4500

Triad

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



88310D



005E3A



144A9E

Complementary

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



88310D



0D6488

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.



0057A0



88310D



005F66

Square

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



88310D



035B0B



005E8B



6D3486

Rectangle

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



88310D



554F00



005E8B



004FA1

Sweetspot

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



88310D



B08E80



880D65



59453D



D9D9D9



595959

Same Dimension

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



88310D



B03300



886D0D



45403E



852700



050100

Inverse Universe

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



0D6488



007CB0



0D2888



3E4345



005E85



000405

Previews

White Background



This preview shows how the Hex color 88310D looks on a white background.

Color Contrast Check

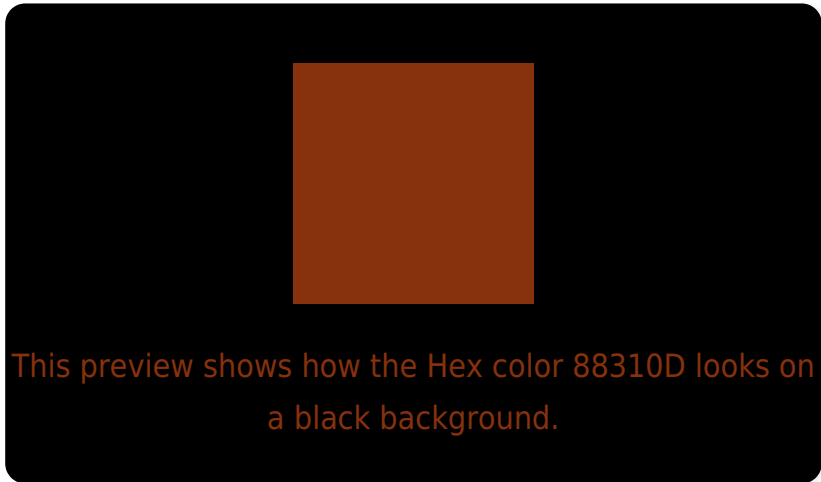
Large Text (above 18pt) WCAG AA ✓ Pass

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 88310D Background



This preview shows how black text looks on a background with the Hex color 88310D.



This preview shows how white text looks on a background with the Hex color 88310D.

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
88310D

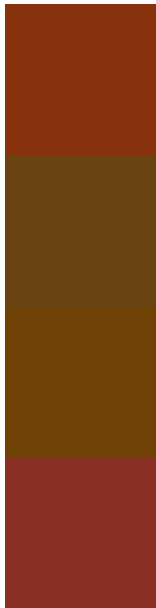
Protanopia
584F15

Deuteranopia
634A00



Tritanopia
892E30

Trichromacy



Original Color
88310D

Protanomaly
694412

Deuteranomaly
704105

Tritanomaly
892F23

Monochromacy



Original Color
88310D

Achromatopsia
474747

Achromatomaly
5F3F32

CSS Examples

Text

The CSS property to change the color of the text to Hex 88310D 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 #88310D looks like.

```
.text, #text, p{  
    color:#88310D  
}
```

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 #88310D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88310D
}
```

Border

The CSS property to change the border of an element to Hex 88310D is called "border". The border property can be set on classes, ids or directly on the HTML element.

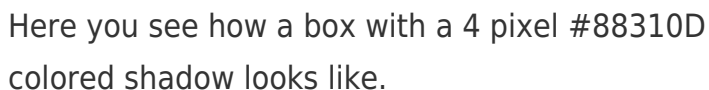
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#88310D }
```

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

```
.border{ border-color:#88310D }
```

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



Here you see how a box with a 4 pixel #88310D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88310D; -webkit-box-shadow:4px 4px  
4px 4px #88310D; box-shadow:4px 4px 4px  
4px #88310D }
```

Background

The CSS property to change the background color of an element to Hex 88310D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88310D }
```

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

```
.background{ background-color:#88310D }
```

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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