

Converting Colors

Hex(8B1300)

Have a look what the booklet for
Hex(8B1300) contains.

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Color

Hex(8B1300)

Conversions

Conversions Part 1

Format	Color
Hex	8B1300
RGB	139, 19, 0
RGB Percent	55%, 7%, 0%
CMY	0.4549, 0.9255, 1.0000
CMYK	0.00, 0.86, 1.00, 0.45
HSL	8°, 100%, 27%
HSV	8°, 100%, 55%
XYZ	10.8803, 5.9547, 0.5759
YIQ	52.7140, 77.6190, 19.5310

Conversions

Conversions Part 2

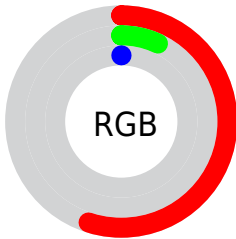
Format	Color
RYB	139, 22, 0
Decimal	9114368
CIELab	29.30, 47.53, 42.28
CIElCh	29, 63.608, 41.654
Yxy	5.9547, 0.6249, 0.3420
Android (android.graphics.Color)	4287304448 (0xFF8B1300)
YUV	52.7140, -25.9880, 75.6728
Hunter-Lab	24.4023, 36.8845, 15.6823

Details

The Hex color **8B1300** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00788B**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **C84D2F**, and **4F0000** is the 20% darker color. If you saturate the color by 10%, you get **8B1300**, and if you desaturate by 10%, it is **8B1F0E**.

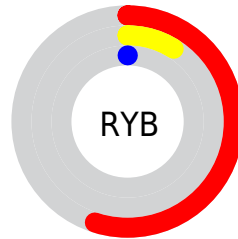
Distribution



Red (55%)

Green (7%)

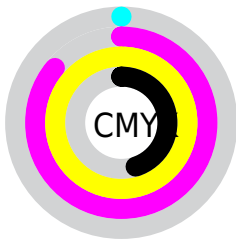
Blue (0%)



Red (55%)

Yellow (9%)

Blue (0%)

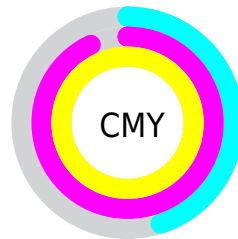


Cyan (0%)

Magenta (86%)

Yellow (100%)

Black (45%)



Cyan (45%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B1300 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 8B1300 by changing the saturation by 10% instead.

 8B1300

 8B1300

 FFFFE5

 6D0000

 C84D2F

 4F0000

 E86847

 350002

 FF825F

 040000

 FF9E78

 000000

 FFBA92

 FFD6AD

 FFF3C9

 8B1300

 8B1F0E

 8B2B1C

 8B372A

 8B4338

 8B4F46

 8B5B53

 8B6761

 8B736F

 8B7F7D

Harmonies

Analogous

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



970035



8B1300



6D3700

Triad

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



8B1300



005723



0046A8

Complementary

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



8B1300



00788B

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.



0053A4



8B1300



005858

Square

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



8B1300



005200



005886



5B2B90

Rectangle

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



8B1300



534400



005886



004CAA

Sweetspot

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



8B1300



B5867F



8B0078



5C3F3B



DBDBDB



5C5C5C

Same Dimension

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



8B1300



B51900



8B5800



453F3E



851200



050100

Inverse Universe

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



00788B



009CB5



00338B



3E4445



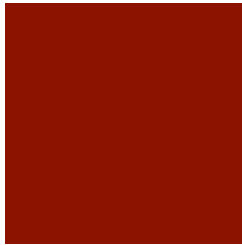
007285



000405

Previews

White Background



This preview shows how the Hex color 8B1300 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

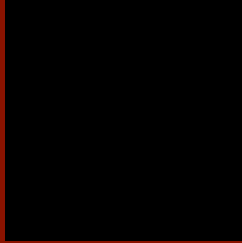
Any Text WCAG AA × Fail

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 8B1300 Background



This preview shows how black text looks on a background with the Hex color 8B1300.



This preview shows how white text looks on a background with the Hex color 8B1300.

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
8B1300

Protanopia
504811

Deuteranopia
5A4400



Tritanopia
8B120F

Trichromacy



Original Color
8B1300

Protanomaly
65350B

Deuteranomaly
6C3200

Tritanomaly
8B120A

Monochromacy



Original Color
8B1300

Achromatopsia
353535

Achromatomaly
542922

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B1300 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 #8B1300 looks like.

```
.text, #text, p{  
    color:#8B1300  
}
```

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 #8B1300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B1300
}
```

Border

The CSS property to change the border of an element to Hex 8B1300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

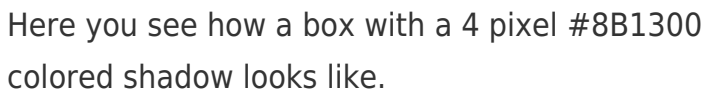
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B1300 }
```

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

```
.border{ border-color:#8B1300 }
```

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



Here you see how a box with a 4 pixel #8B1300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B1300; -webkit-box-shadow:4px 4px  
4px 4px #8B1300; box-shadow:4px 4px 4px  
4px #8B1300 }
```

Background

The CSS property to change the background color of an element to Hex 8B1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B1300 }
```

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

```
.background{ background-color:#8B1300 }
```

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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