

Converting Colors

Hex(8A1B08)

Have a look what the booklet for
Hex(8A1B08) contains.

Hex(8A1B08)	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(8A1B08)

Conversions

Conversions Part 1

Format	Color
Hex	8A1B08
RGB	138, 27, 8
RGB Percent	54%, 11%, 3%
CMY	0.4588, 0.8941, 0.9686
CMYK	0.00, 0.80, 0.94, 0.46
HSL	9°, 89%, 29%
HSV	9°, 94%, 54%
XYZ	10.9170, 6.2047, 0.8520
YIQ	58.0230, 72.2550, 17.6230

Conversions

Conversions Part 2

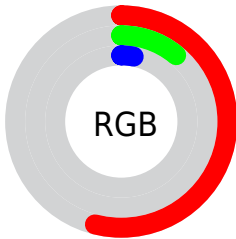
Format	Color
RYB	138, 30, 8
Decimal	9050888
CIELab	29.92, 45.10, 39.41
CIElCh	30, 59.893, 41.143
Yxy	6.2047, 0.6074, 0.3452
Android (android.graphics.Color)	4287240968 (0xFF8A1B08)
YUV	58.0230, -24.6613, 70.1398
Hunter-Lab	24.9092, 34.6405, 15.4085

Details

The Hex color **8A1B08** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **08778A**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **C75236**, and **4F0000** is the 20% darker color. If you saturate the color by 10%, you get **8A1400**, and if you desaturate by 10%, it is **8A2716**.

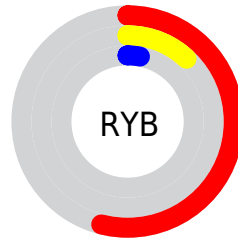
Distribution



Red (54%)

Green (11%)

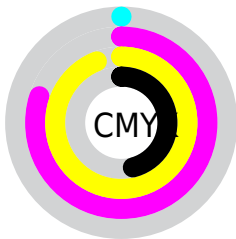
Blue (3%)



Red (54%)

Yellow (12%)

Blue (3%)

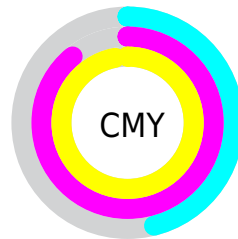


Cyan (0%)

Magenta (80%)

Yellow (94%)

Black (46%)



Cyan (46%)

Magenta (89%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A1B08 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 8A1B08 by changing the saturation by 10% instead.

 8A1B08

 8A1B08

 FFFFED

 6C0000

 C75236

 4F0000

 E66C4D

 360002

 FF8766

 040000

 FFA27F

 000000

 FFBE99

 FFDAB5

 FFF8D0

 8A1B08

 8A1B08

■ 8A1400

■ 8A2716

■ 8A3324

■ 8A3E31

■ 8A4A3F

■ 8A564D

■ 8A625B

■ 8A6D69

■ 8A7976

■ 8A8584

Harmonies

Analogous

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



950038



8A1B08



6F3900

Triad

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



8A1B08



005826



0047A4

Complementary

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



8A1B08



08778A

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.



0054A0



8A1B08



005957

Square

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



8A1B08



025300



005983



5B2F8E

Rectangle

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



8A1B08



564500



005983



004DA5

Sweetspot

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



8A1B08



B38881



8A0879



593F3B



D9D9D9



595959

Same Dimension

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



8A1B08



B31A00



8A5A08



453F3E



851300



050100

Inverse Universe

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



08778A



0098B3



08388A



3E4445



007185



000405

Previews

White Background



This preview shows how the Hex color 8A1B08 looks on a white background.

Color Contrast Check

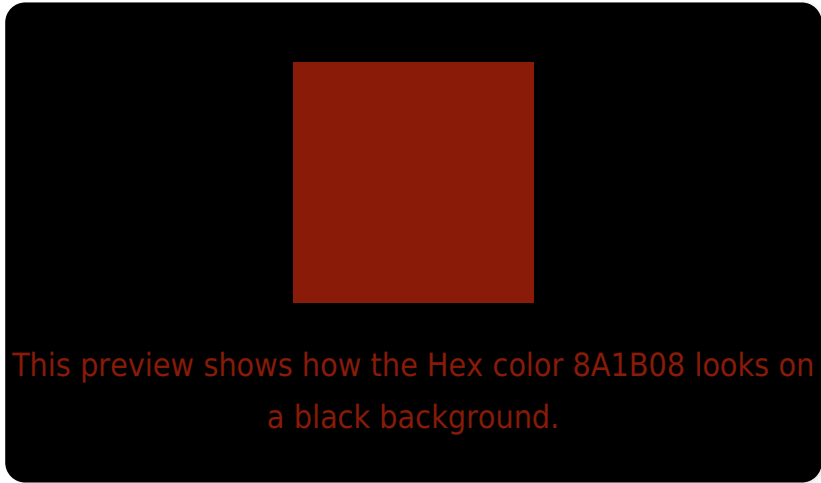
Large Text (above 18pt) WCAG AA ✓ Pass

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

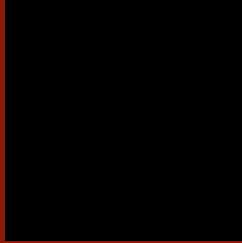
Any Text WCAG AA × Fail

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 8A1B08 Background



This preview shows how black text looks on a background with the Hex color 8A1B08.



This preview shows how white text looks on a background with the Hex color 8A1B08.

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
8A1B08

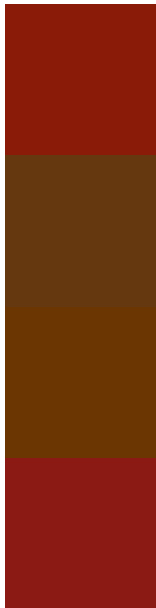
Protanopia
514913

Deuteranopia
5B4500



Tritanopia
8A1A19

Trichromacy



Original Color
8A1B08

Protanomaly
66380F

Deuteranomaly
6C3603

Tritanomaly
8A1A13

Monochromacy



Original Color
8A1B08

Achromatopsia
3A3A3A

Achromatomaly
572F28

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A1B08 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 #8A1B08 looks like.

```
.text, #text, p{  
    color:#8A1B08  
}
```

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 #8A1B08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A1B08
}
```

Border

The CSS property to change the border of an element to Hex 8A1B08 is called "border". The border property can be set on classes, ids or directly on the HTML element.

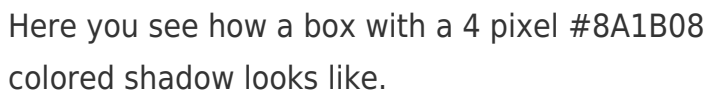
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A1B08 }
```

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

```
.border{ border-color:#8A1B08 }
```

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



Here you see how a box with a 4 pixel #8A1B08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A1B08; -webkit-box-shadow:4px 4px  
4px 4px #8A1B08; box-shadow:4px 4px 4px  
4px #8A1B08 }
```

Background

The CSS property to change the background color of an element to Hex 8A1B08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A1B08 }
```

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

```
.background{ background-color:#8A1B08 }
```

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