

Converting Colors

Hex(8A2200)

Have a look what the booklet for
Hex(8A2200) contains.

Hex(8A2200)	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(8A2200)

Conversions

Conversions Part 1

Format	Color
Hex	8A2200
RGB	138, 34, 0
RGB Percent	54%, 13%, 0%
CMY	0.4588, 0.8667, 1.0000
CMYK	0.00, 0.75, 1.00, 0.46
HSL	15°, 100%, 27%
HSV	15°, 100%, 54%
XYZ	11.0533, 6.5473, 0.6812
YIQ	61.2200, 72.8980, 11.4740

Conversions

Conversions Part 2

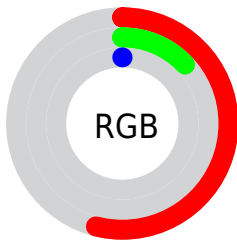
Format	Color
R_{YB}	138, 45, 0
Decimal	9052672
CIE _{Lab}	30.75, 42.53, 43.28
CIE _{LCh}	31, 60.680, 45.499
Yxy	6.5473, 0.6046, 0.3581
Android (android.graphics.Color)	4287242752 (0xFF8A2200)
YUV	61.2200, -30.1815, 67.3361
Hunter-Lab	25.5877, 32.3289, 16.3330

Details

The Hex color **8A2200** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **00688A**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **C75630**, and **4F0000** is the 20% darker color. If you saturate the color by 10%, you get **8A2200**, and if you desaturate by 10%, it is **8A2C0E**.

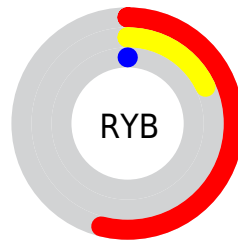
Distribution



Red (54%)

Green (13%)

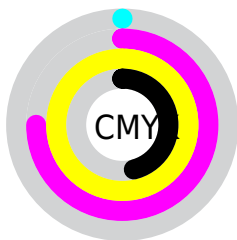
Blue (0%)



Red (54%)

Yellow (18%)

Blue (0%)

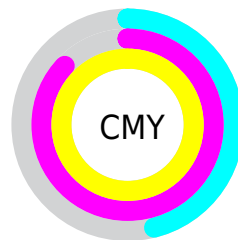


Cyan (0%)

Magenta (75%)

Yellow (100%)

Black (46%)



Cyan (46%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A2200 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 8A2200 by changing the saturation by 10% instead.

 8A2200

 8A2200

 FFFFE7

 6C0000

 C75630

 4F0000

 E67148

 350002

 FF8B60

 070000

 FFA77A

 000000

 FFC294

 FFDFAF

 FFFCCB

 8A2200

 8A2C0E

 8A371C

 8A4129

 8A4C37

 8A5645

 8A6053

 8A6B61

 8A756E

 8A807C

Harmonies

Analogous

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



980033



8A2200



6C3E00

Triad

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



8A2200



005A2F



0046A5

Complementary

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



8A2200



00688A

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.



0055A5



8A2200



005C61

Square

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



8A2200



005600



005B8C



662C8C

Rectangle

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



8A2200



524A00



005B8C



004CA8

Sweetspot

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



8A2200



B38A7D



8A006A



594139



D9D9D9



595959

Same Dimension

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



8A2200



B32C00



8A6500



45403E



852100



050100

Inverse Universe

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



00688A



0087B3



00258A



3E4345



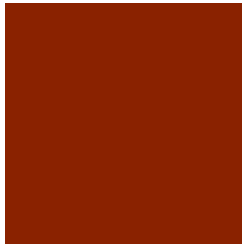
006485



000405

Previews

White Background



This preview shows how the Hex color 8A2200 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 8A2200 Background



This preview shows how black text looks on a background with the Hex color 8A2200.



This preview shows how white text looks on a background with the Hex color 8A2200.

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
8A2200

Protanopia
534A10

Deuteranopia
5D4600

Trichromacy



Original Color
8A2200

Protanomaly
673B0A

Deuteranomaly
6D3900

Tritanomaly
8A2114

Monochromacy



Original Color
8A2200

Achromatopsia
3D3D3D

Achromatomaly
593327

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A2200 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 #8A2200 looks like.

```
.text, #text, p{  
    color:#8A2200  
}
```

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 #8A2200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A2200
}
```

Border

The CSS property to change the border of an element to Hex 8A2200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

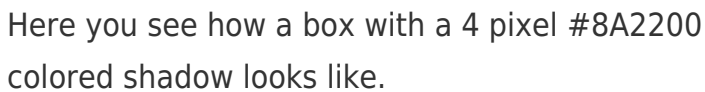
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A2200 }
```

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

```
.border{ border-color:#8A2200 }
```

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



Here you see how a box with a 4 pixel #8A2200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A2200; -webkit-box-shadow:4px 4px  
4px 4px #8A2200; box-shadow:4px 4px 4px  
4px #8A2200 }
```

Background

The CSS property to change the background color of an element to Hex 8A2200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A2200 }
```

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

```
.background{ background-color:#8A2200 }
```

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