

Converting Colors

Hex(88451A)

Have a look what the booklet for
Hex(88451A) contains.

Hex(88451A)	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(88451A)

Conversions

Conversions Part 1

Format	Color
Hex	88451A
RGB	136, 69, 26
RGB Percent	53%, 27%, 10%
CMY	0.4667, 0.7294, 0.8980
CMYK	0.00, 0.49, 0.81, 0.47
HSL	23°, 68%, 32%
HSV	23°, 81%, 53%
XYZ	12.4679, 9.5651, 2.1664
YIQ	84.1310, 53.7350, 0.8310

Conversions

Conversions Part 2

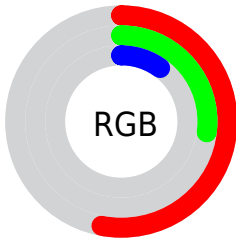
Format	Color
R_{YB}	136, 97, 26
Decimal	8930586
CIE _{Lab}	37.05, 25.39, 37.27
CIE _{LCh}	37, 45.096, 55.740
Yxy	9.5651, 0.5152, 0.3953
Android (android.graphics.Color)	4287120666 (0xFF88451A)
YUV	84.1310, -28.6586, 45.4891
Hunter-Lab	30.9274, 17.8365, 17.4961

Details

The Hex color **88451A** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1A5D88**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **C27649**, and **501700** is the 20% darker color. If you saturate the color by 10%, you get **883D0C**, and if you desaturate by 10%, it is **884D28**.

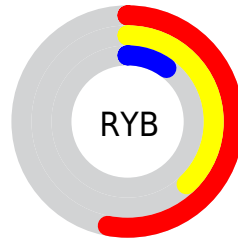
Distribution



Red (53%)

Green (27%)

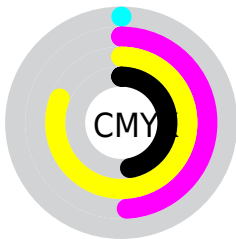
Blue (10%)



Red (53%)

Yellow (38%)

Blue (10%)

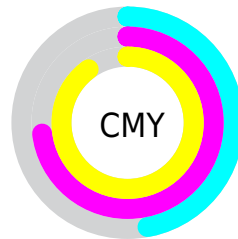


Cyan (0%)

Magenta (49%)

Yellow (81%)

Black (47%)



Cyan (47%)

Magenta (73%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88451A 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 88451A by changing the saturation by 10% instead.

 88451A

 88451A

FFFFFF

 6C2E02

 C27649

 501700

 E09061

 350100

 FEAB7A

 1A0001

 FFC795

 000000

 FFE3B0

 FFFF00

FFFCB

 FFFF00

FFFFE8

 88451A

 88451A

■ 883D0C

■ 884D28

■ 883500

■ 885635

■ 885E43

■ 886650

■ 886E5E

■ 88776C

■ 887F79

■ 888787

■ 889094

Harmonies

Analogous

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



97373A



88451A



6D5401

Triad

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



88451A



006851



4D5099

Complementary

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



88451A



1A5D88

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.



005DA0



88451A



006876

Square

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



88451A



12652C



006593



7E3F81

Rectangle

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



88451A



575B02



006593



31559D

Sweetspot

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



88451A



B09686



881A5E



59493F



D9D9D9



595959

Same Dimension

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



88451A



B04805



887B1A



45413E



853400



050200

Inverse Universe

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



1A5D88



056DB0



1A2788



3E4245



005185



000305

Previews

White Background



This preview shows how the Hex color 88451A 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 88451A Background



This preview shows how black text looks on a background with the Hex color 88451A.



This preview shows how white text looks on a background with the Hex color 88451A.

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
88451A

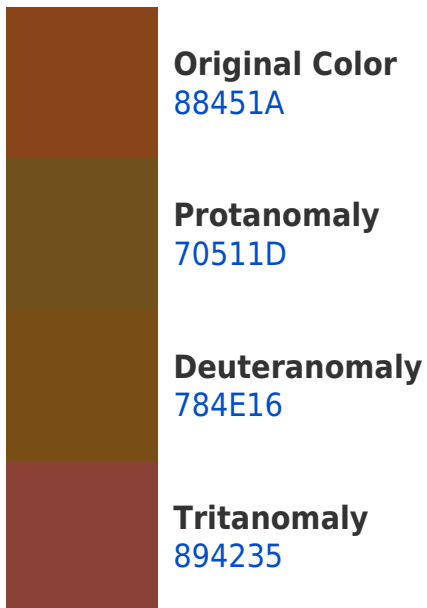
Protanopia
62581F

Deuteranopia
6F5314

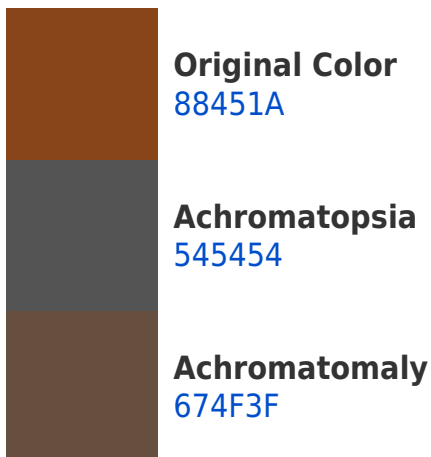


Tritanopia
8A4145

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 88451A 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 #88451A looks like.

```
.text, #text, p{  
    color:#88451A  
}
```

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 #88451A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88451A
}
```

Border

The CSS property to change the border of an element to Hex 88451A is called "border". The border property can be set on classes, ids or directly on the HTML element.

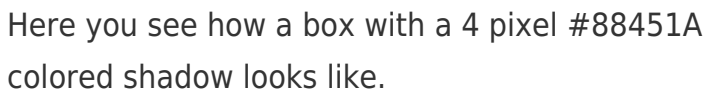
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#88451A }
```

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

```
.border{ border-color:#88451A }
```

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



Here you see how a box with a 4 pixel #88451A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88451A; -webkit-box-shadow:4px 4px  
4px 4px #88451A; box-shadow:4px 4px 4px  
4px #88451A }
```

Background

The CSS property to change the background color of an element to Hex 88451A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88451A }
```

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

```
.background{ background-color:#88451A }
```

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