

# Converting Colors

Hex(8A570C)

Have a look what the booklet for  
Hex(8A570C) contains.

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**Color**

**Hex(8A570C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A570C
RGB	138, 87, 12
RGB Percent	54%, 34%, 5%
CMY	0.4588, 0.6588, 0.9529
CMYK	0.00, 0.37, 0.91, 0.46
HSL	36°, 84%, 29%
HSV	36°, 91%, 54%
XYZ	13.9558, 12.2462, 1.9760
YIQ	93.6990, 54.4710, -12.5130

# Conversions

## Conversions Part 2

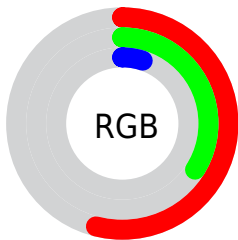
Format	Color
R <sub>Y</sub> B	98, 138, 12
Decimal	9066252
CIE Lab	41.60, 15.48, 46.76
CIE LCh	42, 49.257, 71.679
Yxy	12.2462, 0.4953, 0.4346
Android (android.graphics.Color)	4287256332 (0xFF8A570C)
YUV	93.6990, -40.2776, 38.8520
Hunter-Lab	34.9946, 9.9450, 21.1483

# Details

The Hex color **8A570C** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0C3F8A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **C48940**, and **532900** is the 20% darker color. If you saturate the color by 10%, you get **8A5200**, and if you desaturate by 10%, it is **8A5D1A**.

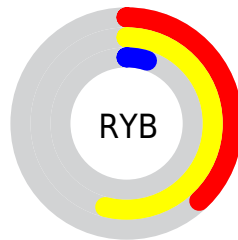
# Distribution



Red (54%)

Green (34%)

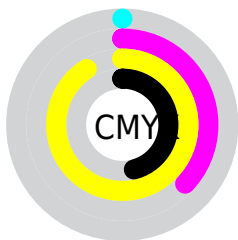
Blue (5%)



Red (38%)

Yellow (54%)

Blue (5%)

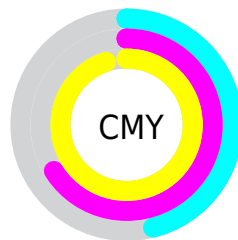


Cyan (0%)

Magenta (37%)

Yellow (91%)

Black (46%)



Cyan (46%)

Magenta (66%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A570C 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 8A570C by changing the saturation by 10% instead.



 8A570C

 8A570C

FFFFFFD

 6E4000

 C48940

 532900

 E2A359

 381500

 FFBE73

 210000

 FFDA8D

 000000

 FFF7A8

 FFFFC4

 FFFFE1

 8A570C

 8A570C

■ 8A5200

■ 8A5D1A

■ 8A6228

■ 8A6835

■ 8A6D43

■ 8A7351

■ 8A795F

■ 8A7E6D

■ 8A847A

■ 8A8988

# Harmonies

## Analogous

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



A2462E



8A570C



676500

# Triad

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



8A570C



007571



78509F

# Complementary

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



8A570C



0C3F8A

# 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.



2562B2



8A570C



007397

# Square

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



8A570C



007347



006DAF



9E3F7D

# Rectangle

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



8A570C



4B6C14



006DAF



6456A8



# Sweetspot

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



8A570C



B39F82



8A0C40



594E3D



D9D9D9



595959



# Same Dimension

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



8A570C



B36A00



808A0C



45423E



854F00



050300



# Inverse Universe

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



0C3F8A



0048B3



170C8A



3E4145



003685

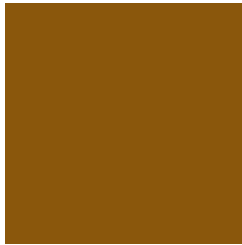


000205



# Previews

## White Background



This preview shows how the Hex color 8A570C 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 × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 8A570C Background



This preview shows how black text looks on a background with the Hex color 8A570C.



This preview shows how white text looks on a background with the Hex color 8A570C.

# 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**  
8A570C

**Protanopia**  
6F6310

**Deuteranopia**  
7D5E00



**Tritanopia**  
8D5157

# Trichromacy



**Original Color**  
8A570C

**Protanomaly**  
795F0F

**Deuteranomaly**  
825B04

**Tritanomaly**  
8C533C

# Monochromacy



**Original Color**  
8A570C

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
6E5B40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A570C 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 #8A570C looks like.

```
.text, #text, p{  
    color:#8A570C  
}
```

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 #8A570C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A570C
}
```

## Border

The CSS property to change the border of an element to Hex 8A570C is called "border". The border property can be set on classes, ids or directly on the HTML element.

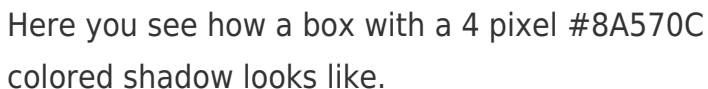
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A570C }
```

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

```
.border{ border-color:#8A570C }
```

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



Here you see how a box with a 4 pixel #8A570C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A570C; -webkit-box-shadow:4px 4px  
4px 4px #8A570C; box-shadow:4px 4px 4px  
4px #8A570C }
```

# Background

The CSS property to change the background color of an element to Hex 8A570C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A570C }
```

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

```
.background{ background-color:#8A570C }
```

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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