

# Converting Colors

Hex(8C250C)

Have a look what the booklet for  
Hex(8C250C) contains.

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**Color**

**Hex(8C250C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C250C
RGB	140, 37, 12
RGB Percent	55%, 15%, 5%
CMY	0.4510, 0.8549, 0.9529
CMYK	0.00, 0.74, 0.91, 0.45
HSL	12°, 84%, 30%
HSV	12°, 91%, 55%
XYZ	11.5431, 6.9251, 1.0761
YIQ	64.9470, 69.4130, 14.0610

# Conversions

## Conversions Part 2

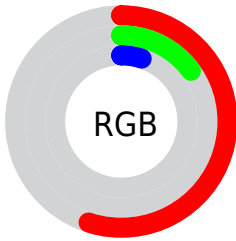
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 43, 12
Decimal	9184524
CIE <sub>Lab</sub>	31.64, 42.28, 39.21
CIE <sub>LCh</sub>	32, 57.664, 42.842
Yxy	6.9251, 0.5906, 0.3543
Android (android.graphics.Color)	4287374604 (0xFF8C250C)
YUV	64.9470, -26.1029, 65.8215
Hunter-Lab	26.3156, 32.2452, 15.9964

# Details

The Hex color **8C250C** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0C738C**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **C8593A**, and **510000** is the 20% darker color. If you saturate the color by 10%, you get **8C1B00**, and if you desaturate by 10%, it is **8C301A**.

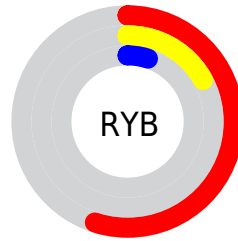
# Distribution



Red (55%)

Green (15%)

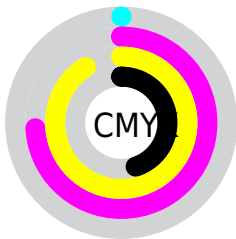
Blue (5%)



Red (55%)

Yellow (17%)

Blue (5%)

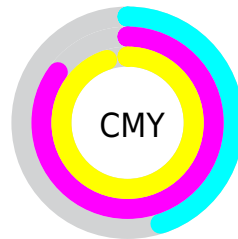


Cyan (0%)

Magenta (74%)

Yellow (91%)

Black (45%)



Cyan (45%)

Magenta (85%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C250C 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 8C250C by changing the saturation by 10% instead.



 8C250C

 8C250C

 FFFFF2

 6F0300

 C8593A

 510000

 E77352

 370001

 FF8E6A

 0F0000

 FFA984

 000000

 FFC59E

 FFE2B9

 FFFF5D

 8C250C

 8C250C

■ 8C1B00

■ 8C301A

■ 8C3C28

■ 8C4736

■ 8C5244

■ 8C5D52

■ 8C6960

■ 8C746E

■ 8C7F7C

■ 8C8A8A

# Harmonies

## Analogous

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



980039



8C250C



713E00

# Triad

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



8C250C



005C2E



004AA4

# Complementary

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



8C250C



0C738C

# 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.



0057A2



8C250C



005D5D

# Square

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



8C250C



075800



005C88



62338E

# Rectangle

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



8C250C



584A00



005C88



004FA6



# Sweetspot

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



8C250C



B58E84



8C0C75



5C443E



DBDBDB



5C5C5C



# Same Dimension

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



8C250C



B52300



8C630C



453F3E



851A00



050100



# Inverse Universe

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



0C738C



0092B5



0C358C



3E4445



006B85



000405



# Previews

## White Background



This preview shows how the Hex color 8C250C 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 8C250C Background



This preview shows how black text looks on a background with the Hex color 8C250C.



This preview shows how white text looks on a background with the Hex color 8C250C.

# 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**  
8C250C

**Protanopia**  
554C16

**Tritanopia**  
8C2324

# Trichromacy



**Original Color**  
8C250C

**Protanomaly**  
693E12

**Tritanomaly**  
8C241B

# Monochromacy



**Original Color**  
8C250C

**Achromatopsia**  
414141

**Achromatomaly**  
5C372E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C250C 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 #8C250C looks like.

```
.text, #text, p{  
    color:#8C250C  
}
```

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 #8C250C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C250C
}
```

## Border

The CSS property to change the border of an element to Hex 8C250C is called "border". The border property can be set on classes, ids or directly on the HTML element.

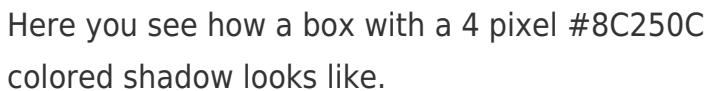
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C250C }
```

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

```
.border{ border-color:#8C250C }
```

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



Here you see how a box with a 4 pixel #8C250C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C250C; -webkit-box-shadow:4px 4px  
4px 4px #8C250C; box-shadow:4px 4px 4px  
4px #8C250C }
```

# Background

The CSS property to change the background color of an element to Hex 8C250C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C250C }
```

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

```
.background{ background-color:#8C250C }
```

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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