

Converting Colors

Hex(8C3007)

Have a look what the booklet for
Hex(8C3007) contains.

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Color

Hex(8C3007)

Conversions

Conversions Part 1

Format	Color
Hex	8C3007
RGB	140, 48, 7
RGB Percent	55%, 19%, 3%
CMY	0.4510, 0.8118, 0.9725
CMYK	0.00, 0.66, 0.95, 0.45
HSL	18°, 90%, 29%
HSV	18°, 95%, 55%
XYZ	11.9105, 7.7047, 1.0604
YIQ	70.8340, 67.9930, 6.7530

Conversions

Conversions Part 2

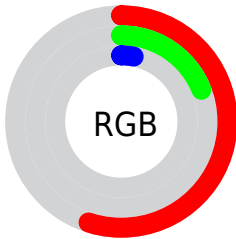
Format	Color
R_{YB}	140, 66, 7
Decimal	9187335
CIE Lab	33.36, 37.45, 42.39
CIE LCh	33, 56.565, 48.544
Yxy	7.7047, 0.5761, 0.3726
Android (android.graphics.Color)	4287377415 (0xFF8C3007)
YUV	70.8340, -31.4702, 60.6586
Hunter-Lab	27.7573, 28.0181, 17.1651

Details

The Hex color **8C3007** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **07638C**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **C86237**, and **520000** is the 20% darker color. If you saturate the color by 10%, you get **8C2B00**, and if you desaturate by 10%, it is **8C3A15**.

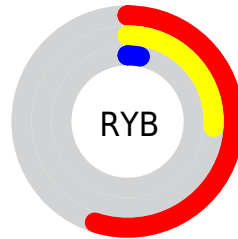
Distribution



Red (55%)

Green (19%)

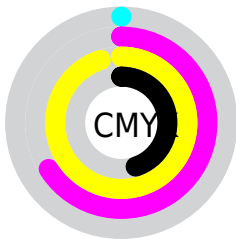
Blue (3%)



Red (55%)

Yellow (26%)

Blue (3%)

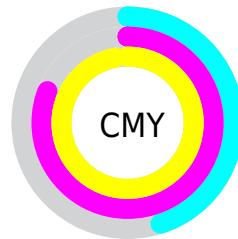


Cyan (0%)

Magenta (66%)

Yellow (95%)

Black (45%)



Cyan (45%)

Magenta (81%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C3007 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 8C3007 by changing the saturation by 10% instead.

 8C3007

 8C3007

 FFFFF0

 6F1600

 C86237

 520000

 E77C4F

 370000

 FF9768

 140000

 FFB282

 000000

 FFCE9C

 FFEBB8

 FFFFD3

 8C3007

 8C3007

■ 8C2B00

■ 8C3A15

■ 8C4323

■ 8C4D31

■ 8C573F

■ 8C604D

■ 8C6A5B

■ 8C7469

■ 8C7D77

■ 8C8785

Harmonies

Analogous

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



9B1435



8C3007



6F4600

Triad

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



8C3007



00603B



0A4AA4

Complementary

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



8C3007



07638C

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.



0059A7



8C3007



00626A

Square

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



8C3007



005D06



006091



71338A

Rectangle

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



8C3007



555100



006091



0050A8

Sweetspot

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



8C3007



B59181



8C0764



5C463C



DBDBDB



5C5C5C

Same Dimension

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



8C3007



B53800



8C7107



45403E



852900



050200

Inverse Universe

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



07638C



007DB5



07228C



3E4345



005C85



000405

Previews

White Background



This preview shows how the Hex color 8C3007 looks on a white background.

Color Contrast Check

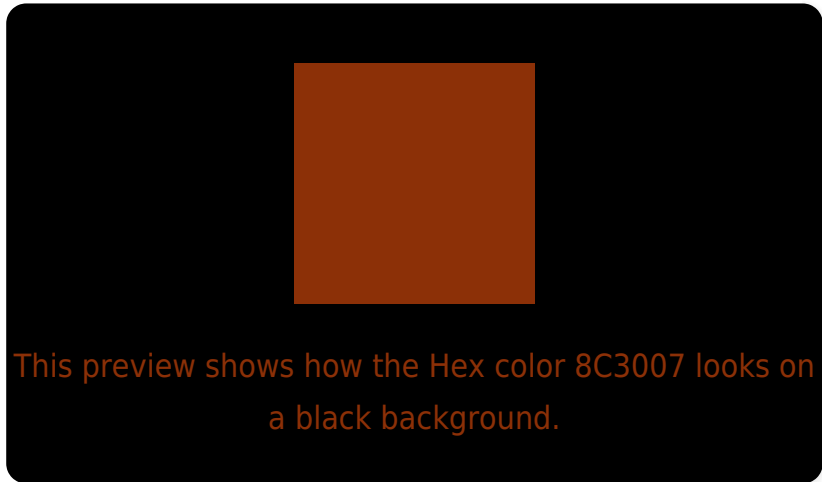
Large Text (above 18pt) WCAG AA ✓ Pass

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

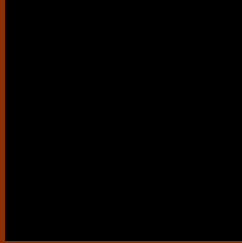
Any Text WCAG AA × Fail

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 8C3007 Background



This preview shows how black text looks on a background with the Hex color 8C3007.



This preview shows how white text looks on a background with the Hex color 8C3007.

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
8C3007

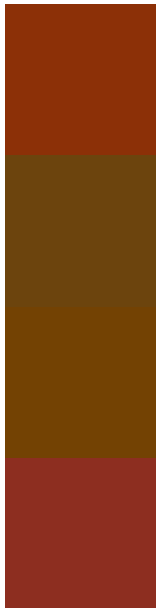
Protanopia
5A5011

Deuteranopia
644C00



Tritanopia
8D2D2F

Trichromacy



Original Color
8C3007

Protanomaly
6C440D

Deuteranomaly
734203

Tritanomaly
8D2E20

Monochromacy



Original Color
8C3007

Achromatopsia
474747

Achromatomaly
603F30

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C3007 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 #8C3007 looks like.

```
.text, #text, p{  
    color:#8C3007  
}
```

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 #8C3007 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C3007
}
```

Border

The CSS property to change the border of an element to Hex 8C3007 is called "border". The border property can be set on classes, ids or directly on the HTML element.

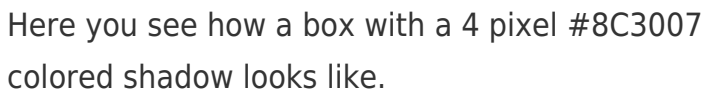
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C3007 }
```

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

```
.border{ border-color:#8C3007 }
```

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



Here you see how a box with a 4 pixel #8C3007 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C3007; -webkit-box-shadow:4px 4px  
4px 4px #8C3007; box-shadow:4px 4px 4px  
4px #8C3007 }
```

Background

The CSS property to change the background color of an element to Hex 8C3007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C3007 }
```

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

```
.background{ background-color:#8C3007 }
```

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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