

Converting Colors

Hex(8C4422)

Have a look what the booklet for
Hex(8C4422) contains.

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Color

Hex(8C4422)

Conversions

Conversions Part 1

Format	Color
Hex	8C4422
RGB	140, 68, 34
RGB Percent	55%, 27%, 13%
CMY	0.4510, 0.7333, 0.8667
CMYK	0.00, 0.51, 0.76, 0.45
HSL	19°, 61%, 34%
HSV	19°, 76%, 55%
XYZ	13.1711, 9.8252, 2.7156
YIQ	85.6520, 53.8260, 4.6900

Conversions

Conversions Part 2

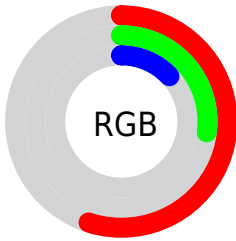
Format	Color
R_{YB}	140, 84, 34
Decimal	9192482
CIE Lab	37.53, 28.02, 33.85
CIE LCh	38, 43.946, 50.385
Yxy	9.8252, 0.5123, 0.3821
Android (android.graphics.Color)	4287382562 (0xFF8C4422)
YUV	85.6520, -25.4644, 47.6632
Hunter-Lab	31.3452, 20.1508, 16.8049

Details

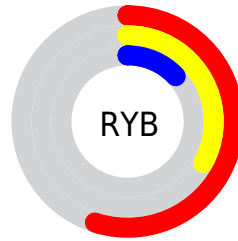
The Hex color **8C4422** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **226A8C**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **C67650**, and **541500** is the 20% darker color. If you saturate the color by 10%, you get **8C3A14**, and if you desaturate by 10%, it is **8C4E30**.

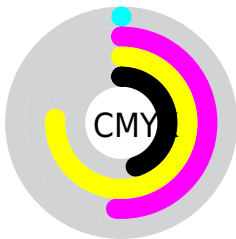
Distribution



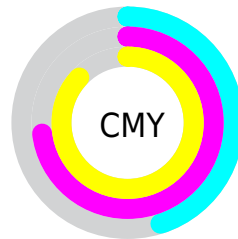
- Red (55%)
- Green (27%)
- Blue (13%)



- Red (55%)
- Yellow (33%)
- Blue (13%)



- Cyan (0%)
- Magenta (51%)
- Yellow (76%)
- Black (45%)



- Cyan (45%)
- Magenta (73%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C4422 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 8C4422 by changing the saturation by 10% instead.

 8C4422

 8C4422

FFFFFF

 702C0C

 C67650

 541500

 E49069

 390000

 FFAA82

 1F0001

 FFC69D

 000000

 FFE2B8

 FFFFD4

 FFFFF0

 8C4422

 8C4422

■ 8C3A14

■ 8C4E30

■ 8C3106

■ 8C573E

■ 8C2D00

■ 8C614C

■ 8C6A5A

■ 8C7468

■ 8C7D76

■ 8C8784

■ 8C9092

■ 8C9AA0

Harmonies

Analogous

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



983742



8C4422



745308

Triad

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



8C4422



00684B



42549B

Complementary

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



8C4422



226A8C

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.



00609E



8C4422



006970

Square

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



8C4422



266528



00678E



784486

Rectangle

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



8C4422



5F5B05



00678E



21589E

Sweetspot

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



8C4422



B5998B



8C226A



5C4A42



DBDBDB



5C5C5C

Same Dimension

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



8C4422



B54510



8C7922



45403E



852B00



050200

Inverse Universe

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



226A8C



1080B5



22358C



3E4345



005A85



000305

Previews

White Background



This preview shows how the Hex color 8C4422 looks on a white background.

Color Contrast Check

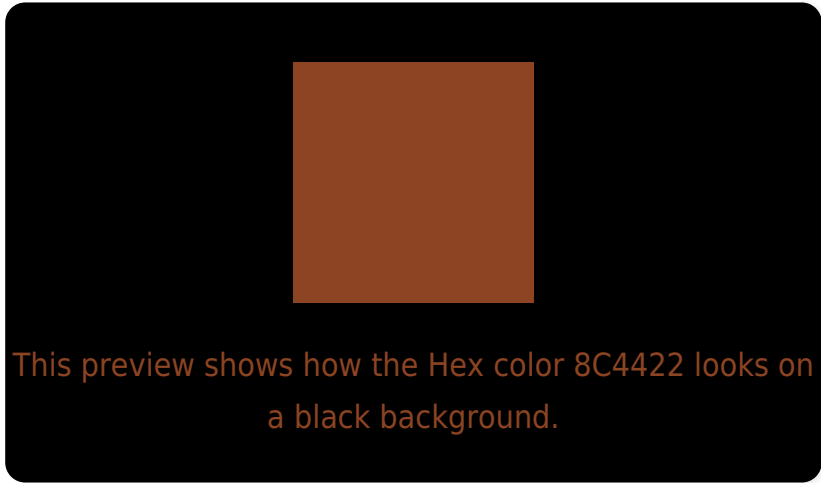
Large Text (above 18pt) WCAG AA ✓ Pass

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

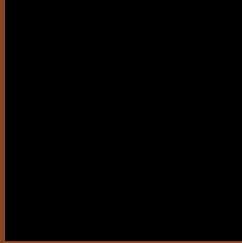
Any Text WCAG AA × Fail

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 8C4422 Background



This preview shows how black text looks on a background with the Hex color 8C4422.



This preview shows how white text looks on a background with the Hex color 8C4422.

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
8C4422

Protanopia
635928

Deuteranopia
6F551D



Tritanopia
8E4045

Trichromacy



Original Color
8C4422

Protanomaly
725126

Deuteranomaly
7A4F1F

Tritanomaly
8D4138

Monochromacy



Original Color
8C4422

Achromatopsia
565656

Achromatomaly
6A4F43

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C4422 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 #8C4422 looks like.

```
.text, #text, p{  
    color:#8C4422  
}
```

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 #8C4422 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C4422
}
```

Border

The CSS property to change the border of an element to Hex 8C4422 is called "border". The border property can be set on classes, ids or directly on the HTML element.

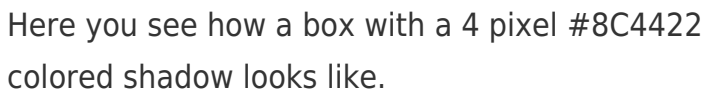
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C4422 }
```

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

```
.border{ border-color:#8C4422 }
```

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



Here you see how a box with a 4 pixel #8C4422 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C4422; -webkit-box-shadow:4px 4px  
4px 4px #8C4422; box-shadow:4px 4px 4px  
4px #8C4422 }
```

Background

The CSS property to change the background color of an element to Hex 8C4422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C4422 }
```

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

```
.background{ background-color:#8C4422 }
```

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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