

Converting Colors

Hex(8A3122)

Have a look what the booklet for
Hex(8A3122) contains.

Hex(8A3122)	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(8A3122)

Conversions

Conversions Part 1

Format	Color
Hex	8A3122
RGB	138, 49, 34
RGB Percent	54%, 19%, 13%
CMY	0.4588, 0.8078, 0.8667
CMYK	0.00, 0.64, 0.75, 0.46
HSL	9°, 60%, 34%
HSV	9°, 75%, 54%
XYZ	11.8683, 7.7154, 2.3771
YIQ	73.9010, 57.8590, 14.2030

Conversions

Conversions Part 2

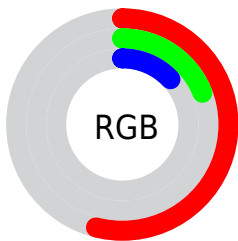
Format	Color
R_{YB}	138, 52, 34
Decimal	9056546
CIE Lab	33.38, 37.05, 29.25
CIE LCh	33, 47.205, 38.283
Yxy	7.7154, 0.5404, 0.3513
Android (android.graphics.Color)	4287246626 (0xFF8A3122)
YUV	73.9010, -19.6712, 56.2148
Hunter-Lab	27.7766, 27.6598, 14.3697

Details

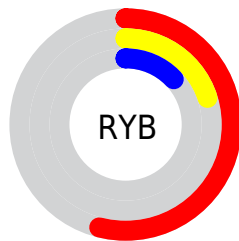
The Hex color **8A3122** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **227B8A**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **C5634F**, and **510000** is the 20% darker color. If you saturate the color by 10%, you get **8A2514**, and if you desaturate by 10%, it is **8A3D30**.

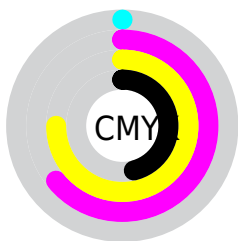
Distribution



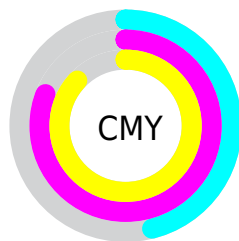
- Red (54%)
- Green (19%)
- Blue (13%)



- Red (54%)
- Yellow (20%)
- Blue (13%)



- Cyan (0%)
- Magenta (64%)
- Yellow (75%)
- Black (46%)



- Cyan (46%)
- Magenta (81%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A3122 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 8A3122 by changing the saturation by 10% instead.

 8A3122

 8A3122

FFFFFF

 6D170D

 C5634F

 510000

 E37D68

 360000

 FF9881

 130000

 FFB39B

 000000

 FFCFB6

 FFECD1

 FFFFEE

 8A3122

 8A3122

■ 8A2514

■ 8A3D30

■ 8A1906

■ 8A493E

■ 8A1400

■ 8A544B

■ 8A6059

■ 8A6C67

■ 8A7875

■ 8A8483

■ 8A8F90

■ 8A9B9E

Harmonies

Analogous

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



902546



8A3122



754200

Triad

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



8A3122



005E31



005099

Complementary

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



8A3122



227B8A

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.



005A94



8A3122



005F58

Square

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



8A3122



2D5909



005E7C



5C408A

Rectangle

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



8A3122



614C00



005E7C



00549A

Sweetspot

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



8A3122



B38F89



8A227C



594440



D9D9D9



595959

Same Dimension

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



8A3122



B32912



8A6422



453F3E



851300



050100

Inverse Universe

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



227B8A



129BB3



22488A



3E4445



007185



000405

Previews

White Background



This preview shows how the Hex color 8A3122 looks on a white background.

Color Contrast Check

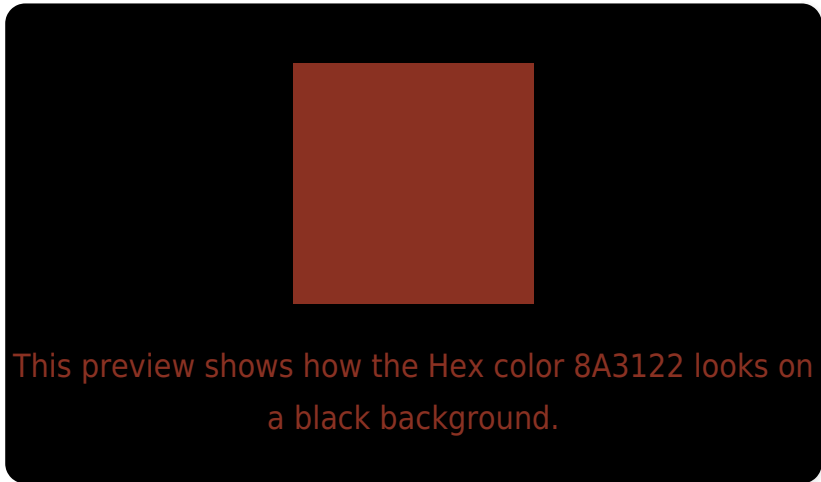
Large Text (above 18pt) WCAG AA ✓ Pass

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

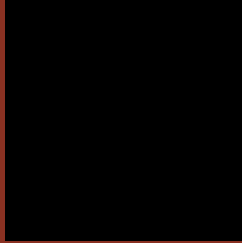
Any Text WCAG AA × Fail

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 8A3122 Background



This preview shows how black text looks on a background with the Hex color 8A3122.

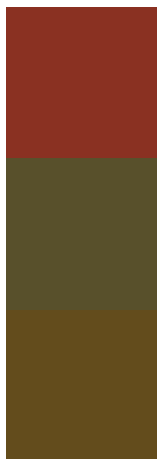


This preview shows how white text looks on a background with the Hex color 8A3122.

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
8A3122

Protanopia
58502B

Deuteranopia
634C1C



Tritanopia
8B2F32

Trichromacy



Original Color
8A3122

Protanomaly
6A4528

Deuteranomaly
71421E

Tritanomaly
8B302C

Monochromacy



Original Color
8A3122

Achromatopsia
4A4A4A

Achromatomaly
61413B

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A3122 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 #8A3122 looks like.

```
.text, #text, p{  
    color:#8A3122  
}
```

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 #8A3122 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A3122 }  
}
```

Border

The CSS property to change the border of an element to Hex 8A3122 is called "border". The border property can be set on classes, ids or directly on the HTML element.

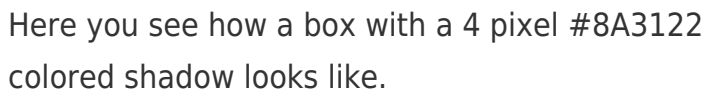
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #8A3122 }  
}
```

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

```
.border{ border-color:#8A3122 }
```

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



Here you see how a box with a 4 pixel #8A3122 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A3122; -webkit-box-shadow:4px 4px  
4px 4px #8A3122; box-shadow:4px 4px 4px  
4px #8A3122 }
```

Background

The CSS property to change the background color of an element to Hex 8A3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A3122 }
```

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

```
.background{ background-color:#8A3122 }
```

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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