

Converting Colors

Hex(8A3217)

Have a look what the booklet for
Hex(8A3217) contains.

Hex(8A3217)	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(8A3217)

Conversions

Conversions Part 1

Format	Color
Hex	8A3217
RGB	138, 50, 23
RGB Percent	54%, 20%, 9%
CMY	0.4588, 0.8039, 0.9098
CMYK	0.00, 0.64, 0.83, 0.46
HSL	14°, 71%, 32%
HSV	14°, 83%, 54%
XYZ	11.7765, 7.7463, 1.6851
YIQ	73.2340, 61.1150, 10.2590

Conversions

Conversions Part 2

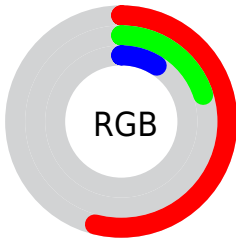
Format	Color
R_{YB}	138, 58, 23
Decimal	9056791
CIE Lab	33.45, 36.12, 35.42
CIE LCh	33, 50.589, 44.433
Yxy	7.7463, 0.5553, 0.3653
Android (android.graphics.Color)	4287246871 (0xFF8A3217)
YUV	73.2340, -24.7654, 56.7998
Hunter-Lab	27.8322, 26.8212, 15.8928

Details

The Hex color **8A3217** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **176F8A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **C56444**, and **510000** is the 20% darker color. If you saturate the color by 10%, you get **8A2709**, and if you desaturate by 10%, it is **8A3D25**.

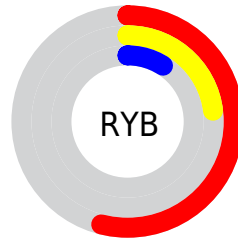
Distribution



Red (54%)

Green (20%)

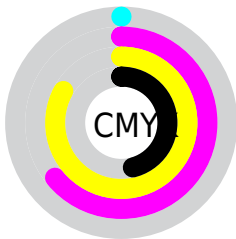
Blue (9%)



Red (54%)

Yellow (23%)

Blue (9%)

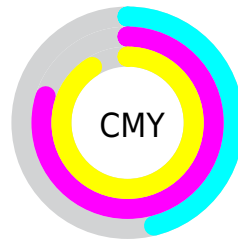


Cyan (0%)

Magenta (64%)

Yellow (83%)

Black (46%)



Cyan (46%)

Magenta (80%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A3217 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 8A3217 by changing the saturation by 10% instead.

 8A3217

 8A3217

FFFFFFE

 6D1800

 C56444

 510000

 E37E5C

 360000

 FF9975

 120000

 FFB48F

 000000

 FFD0AA

 FFEDC6

 FFFFEE2

 8A3217

 8A3217

■ 8A2709

■ 8A3D25

■ 8A2000

■ 8A4733

■ 8A5240

■ 8A5C4E

■ 8A675C

■ 8A716A

■ 8A7C78

■ 8A8685

■ 8A9193

Harmonies

Analogous

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



95203D



8A3217



714500

Triad

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



8A3217



005F38



014D9D

Complementary

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



8A3217



176F8A

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.



00599C



8A3217



006062

Square

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



8A3217



1B5B0C



005F86



683A88

Rectangle

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



8A3217



5B4F00



005F86



00529F

Sweetspot

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



8A3217



B39086



8A176F



59453E



D9D9D9



595959

Same Dimension

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



8A3217



B32A00



8A6B17



45403E



851F00



050100

Inverse Universe

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



176F8A



0089B3



17368A



3E4345



006585



000405

Previews

White Background



This preview shows how the Hex color 8A3217 looks on a white background.

Color Contrast Check

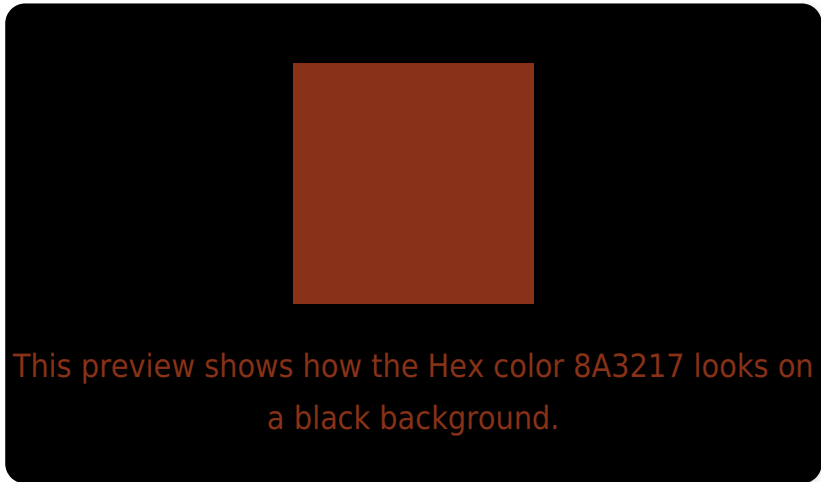
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A3217 Background



This preview shows how black text looks on a background with the Hex color 8A3217.



This preview shows how white text looks on a background with the Hex color 8A3217.

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
8A3217

Protanopia
59501F

Deuteranopia
654C0D



Tritanopia
8B2F32

Trichromacy



Original Color
8A3217

Protanomaly
6B451C

Deuteranomaly
724311

Tritanomaly
8B3028

Monochromacy



Original Color
8A3217

Achromatopsia
494949

Achromatomaly
614137

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A3217 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 #8A3217 looks like.

```
.text, #text, p{  
    color:#8A3217  
}
```

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 #8A3217 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A3217
}
```

Border

The CSS property to change the border of an element to Hex 8A3217 is called "border". The border property can be set on classes, ids or directly on the HTML element.

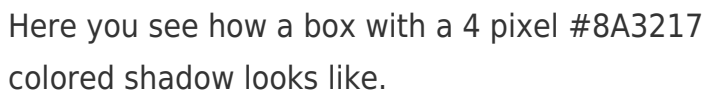
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A3217 }
```

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

```
.border{ border-color:#8A3217 }
```

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



Here you see how a box with a 4 pixel #8A3217 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A3217; -webkit-box-shadow:4px 4px  
4px 4px #8A3217; box-shadow:4px 4px 4px  
4px #8A3217 }
```

Background

The CSS property to change the background color of an element to Hex 8A3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A3217 }
```

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

```
.background{ background-color:#8A3217 }
```

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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