

Converting Colors

Hex(8A4316)

Have a look what the booklet for
Hex(8A4316) contains.

Hex(8A4316)	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(8A4316)

Conversions

Conversions Part 1

Format	Color
Hex	8A4316
RGB	138, 67, 22
RGB Percent	54%, 26%, 9%
CMY	0.4588, 0.7373, 0.9137
CMYK	0.00, 0.51, 0.84, 0.46
HSL	23°, 72%, 31%
HSV	23°, 84%, 54%
XYZ	12.6332, 9.4755, 1.9222
YIQ	83.0990, 56.7610, 1.0570

Conversions

Conversions Part 2

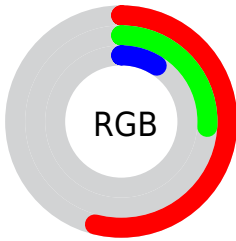
Format	Color
R_{YB}	138, 96, 22
Decimal	9061142
CIE _{Lab}	36.88, 27.22, 39.10
CIE _{LCh}	37, 47.645, 55.158
Yxy	9.4755, 0.5257, 0.3943
Android (android.graphics.Color)	4287251222 (0xFF8A4316)
YUV	83.0990, -30.1218, 48.1482
Hunter-Lab	30.7823, 19.3882, 17.8453

Details

The Hex color **8A4316** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **165D8A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **C47445**, and **521400** is the 20% darker color. If you saturate the color by 10%, you get **8A3B08**, and if you desaturate by 10%, it is **8A4B24**.

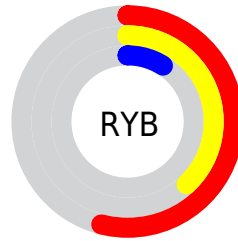
Distribution



Red (54%)

Green (26%)

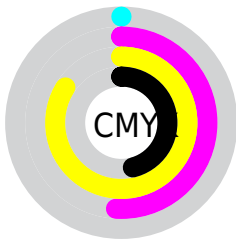
Blue (9%)



Red (54%)

Yellow (38%)

Blue (9%)

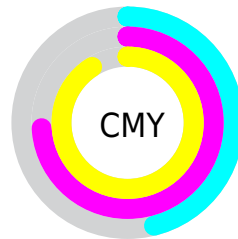


Cyan (0%)

Magenta (51%)

Yellow (84%)

Black (46%)



Cyan (46%)

Magenta (74%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A4316 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 8A4316 by changing the saturation by 10% instead.

 8A4316

 8A4316

FFFFFF

 6E2C00

 C47445

 521400

 E28E5D

 360000

 FFA977

 1B0001

 FFC591

 000000

 FFE1AC

 FFFEC7

 FFFF3

 8A4316

 8A4316

 8A3B08

 8A4B24

 8A3600

 8A5432

 8A5C3F

 8A654D

 8A6D5B

 8A7669

 8A7E77

 8A8784

 8A8F92

Harmonies

Analogous

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



9A3339



8A4316



6E5300

Triad

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



8A4316



00684F



494F9D

Complementary

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



8A4316



165D8A

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.



005DA4



8A4316



006876

Square

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



8A4316



086528



006595



7F3D83

Rectangle

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



8A4316



575B00



006595



2855A1

Sweetspot

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



8A4316



B39786



8A165E



59493E



D9D9D9



595959

Same Dimension

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



8A4316



B34500



8A7C16



45413E



853300



050200

Inverse Universe

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



165D8A



006DB3



16248A



3E4245



005185



000305

Previews

White Background



This preview shows how the Hex color 8A4316 looks on a white background.

Color Contrast Check

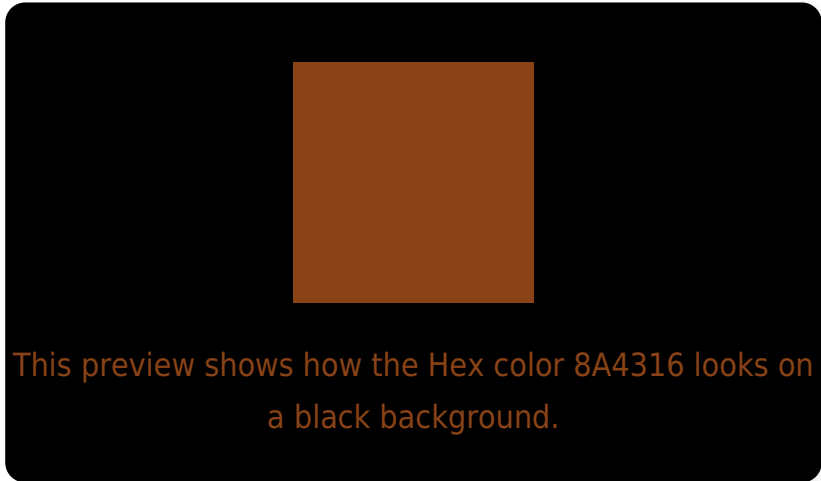
Large Text (above 18pt) WCAG AA ✓ Pass

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

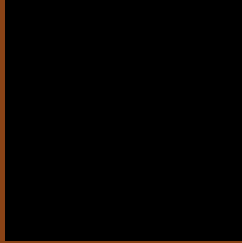
Any Text WCAG AA × Fail

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 8A4316 Background



This preview shows how black text looks on a background with the Hex color 8A4316.



This preview shows how white text looks on a background with the Hex color 8A4316.

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
8A4316

Protanopia
62581B

Deuteranopia
6E530E



Tritanopia
8C3F43

Trichromacy



Original Color
8A4316

Protanomaly
715019

Deuteranomaly
784D11

Tritanomaly
8B4033

Monochromacy



Original Color
8A4316

Achromatopsia
535353

Achromatomaly
674D3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A4316 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 #8A4316 looks like.

```
.text, #text, p{  
    color:#8A4316  
}
```

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 #8A4316 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A4316
}
```

Border

The CSS property to change the border of an element to Hex 8A4316 is called "border". The border property can be set on classes, ids or directly on the HTML element.

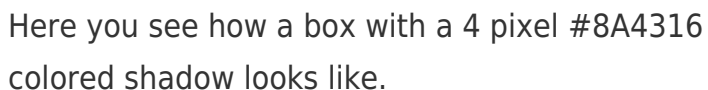
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A4316 }
```

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

```
.border{ border-color:#8A4316 }
```

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



Here you see how a box with a 4 pixel #8A4316 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A4316; -webkit-box-shadow:4px 4px  
4px 4px #8A4316; box-shadow:4px 4px 4px  
4px #8A4316 }
```

Background

The CSS property to change the background color of an element to Hex 8A4316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A4316 }
```

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

```
.background{ background-color:#8A4316 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor