

Converting Colors

Hex(8A3324)

Have a look what the booklet for
Hex(8A3324) contains.

Hex(8A3324)	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(8A3324)

Conversions

Conversions Part 1

Format	Color
Hex	8A3324
RGB	138, 51, 36
RGB Percent	54%, 20%, 14%
CMY	0.4588, 0.8000, 0.8588
CMYK	0.00, 0.63, 0.74, 0.46
HSL	9°, 59%, 34%
HSV	9°, 74%, 54%
XYZ	11.9835, 7.8983, 2.5620
YIQ	75.3030, 56.6670, 13.7790

Conversions

Conversions Part 2

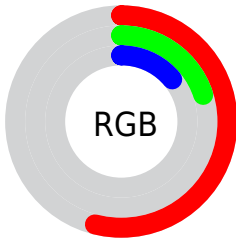
Format	Color
R_{YB}	138, 54, 36
Decimal	9057060
CIE Lab	33.77, 36.19, 28.50
CIE LCh	34, 46.066, 38.220
Yxy	7.8983, 0.5339, 0.3519
Android (android.graphics.Color)	4287247140 (0xFF8A3324)
YUV	75.3030, -19.3764, 54.9853
Hunter-Lab	28.1039, 26.9305, 14.2678

Details

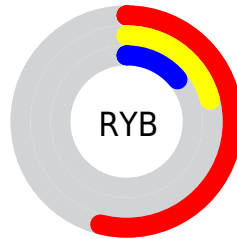
The Hex color **8A3324** is a dark color, and the websafe version is hex **993333**, and the color name is **burnt umber**. A complement of this color would be **247B8A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **C56551**, and **520000** is the 20% darker color. If you saturate the color by 10%, you get **8A2716**, and if you desaturate by 10%, it is **8A3F32**.

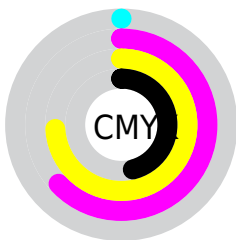
Distribution



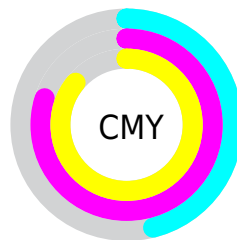
- Red (54%)
- Green (20%)
- Blue (14%)



- Red (54%)
- Yellow (21%)
- Blue (14%)



- Cyan (0%)
- Magenta (63%)
- Yellow (74%)
- Black (46%)



- Cyan (46%)
- Magenta (80%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A3324 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 8A3324 by changing the saturation by 10% instead.

 8A3324

 8A3324

FFFFFF

 6D1A0F

 C56551

 520000

 E37F6A

 370000

 FF9A83

 150000

 FFB59D

 000000

 FFD1B8

 FFEED4

 FFFFF0

 8A3324

 8A3324

■ 8A2716

■ 8A3F32

■ 8A1B08

■ 8A4B40

■ 8A1400

■ 8A564D

■ 8A625B

■ 8A6E69

■ 8A7A77

■ 8A8585

■ 8A9192

■ 8A9DA0

Harmonies

Analogous

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



902847



8A3324



754402

Triad

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



8A3324



005E33



005198

Complementary

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



8A3324



247B8A

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.



005B93



8A3324



006059

Square

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



8A3324



2F5A0D



005F7C



5D4189

Rectangle

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



8A3324



624D00



005F7C



005599

Sweetspot

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



8A3324



B3918B



8A247C



594542



D9D9D9



595959

Same Dimension

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



8A3324



B32B14



8A6524



453F3E



851400



050100

Inverse Universe

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



247B8A



149BB3



24498A



3E4445



007185



000405

Previews

White Background



This preview shows how the Hex color 8A3324 looks on a white background.

Color Contrast Check

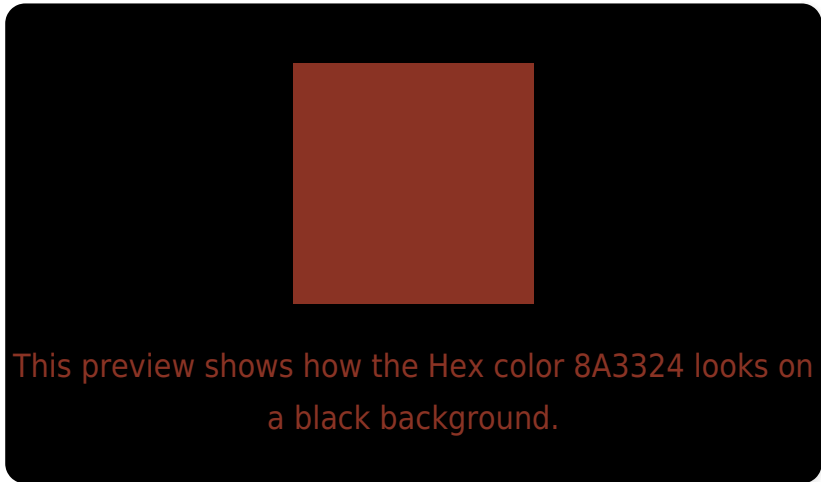
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A3324 Background



This preview shows how black text looks on a background with the Hex color 8A3324.

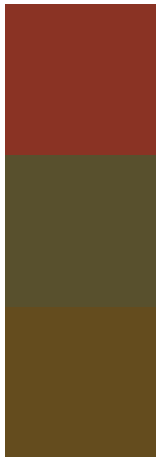


This preview shows how white text looks on a background with the Hex color 8A3324.

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
8A3324

Protanopia
58502D

Deuteranopia
644C1E



Tritanopia
8B3134

Trichromacy



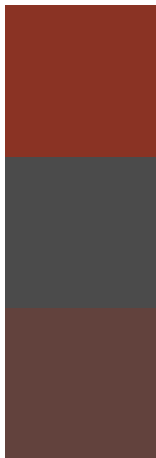
Original Color
8A3324

Protanomaly
6A452A

Deuteranomaly
724320

Tritanomaly
8B322E

Monochromacy



Original Color
8A3324

Achromatopsia
4B4B4B

Achromatomaly
62423D

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A3324 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 #8A3324 looks like.

```
.text, #text, p{  
    color:#8A3324  
}
```

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 #8A3324 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A3324
}
```

Border

The CSS property to change the border of an element to Hex 8A3324 is called "border". The border property can be set on classes, ids or directly on the HTML element.

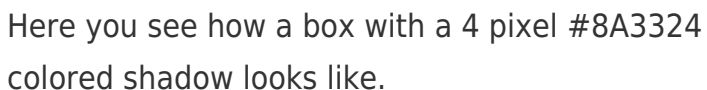
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A3324 }
```

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

```
.border{ border-color:#8A3324 }
```

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



Here you see how a box with a 4 pixel #8A3324 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A3324; -webkit-box-shadow:4px 4px  
4px 4px #8A3324; box-shadow:4px 4px 4px  
4px #8A3324 }
```

Background

The CSS property to change the background color of an element to Hex 8A3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A3324 }
```

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

```
.background{ background-color:#8A3324 }
```

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