

Converting Colors

Hex(8B4400)

Have a look what the booklet for
Hex(8B4400) contains.

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Color

Hex(8B4400)

Conversions

Conversions Part 1

Format	Color
Hex	8B4400
RGB	139, 68, 0
RGB Percent	55%, 27%, 0%
CMY	0.4549, 0.7333, 1.0000
CMYK	0.00, 0.51, 1.00, 0.45
HSL	29°, 100%, 27%
HSV	29°, 100%, 55%
XYZ	12.7146, 9.6232, 1.1873
YIQ	81.4770, 64.1440, -6.0960

Conversions

Conversions Part 2

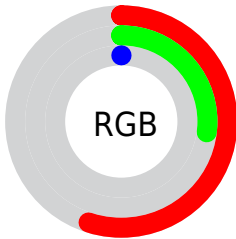
Format	Color
R_{YB}	139, 133, 0
Decimal	9126912
CIE Lab	37.16, 26.59, 47.30
CIE LCh	37, 54.261, 60.658
Yxy	9.6232, 0.5405, 0.4091
Android (android.graphics.Color)	4287316992 (0xFF8B4400)
YUV	81.4770, -40.1682, 50.4477
Hunter-Lab	31.0213, 18.8738, 19.4456

Details

The Hex color **8B4400** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **00478B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **C67535**, and **521600** is the 20% darker color. If you saturate the color by 10%, you get **8B4400**, and if you desaturate by 10%, it is **8B4B0E**.

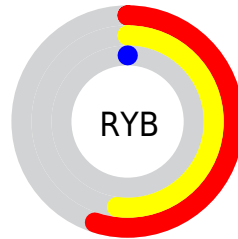
Distribution



Red (55%)

Green (27%)

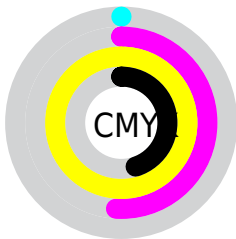
Blue (0%)



Red (55%)

Yellow (52%)

Blue (0%)

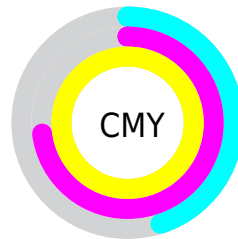


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (45%)



Cyan (45%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B4400 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 8B4400 by changing the saturation by 10% instead.

 8B4400

 8B4400

 FFFFF0

 6F2D00

 C67535

 521600

 E58F4E

 370000

 FFAA67

 1C0001

 FFC581

 000000

 FFE29C

 FFFE87

 FFFFD3

 8B4400

 8B4B0E

 8B521C

 8B592A

 8B6038

 8B6846

 8B6F53

 8B7661

 8B7D6F

 8B847D

Harmonies

Analogous

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



A02E2E



8B4400



695600

Triad

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



8B4400



006A57



544BA3

Complementary

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



8B4400



00478B

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.



005DB0



8B4400



006A83

Square

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



8B4400



006829



0067A4



8C3483

Rectangle

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



8B4400



4E5E00



0067A4



3352AA

Sweetspot

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



8B4400



B5997F



8B0048



5C4B3B



DBDBDB



5C5C5C

Same Dimension

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



8B4400



B55900



8B8900



45413E



854100



050200

Inverse Universe

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



00478B



005CB5



00028B



3E4145



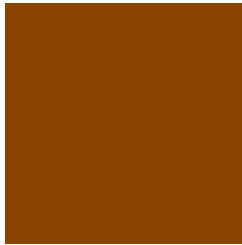
004485



000305

Previews

White Background



This preview shows how the Hex color 8B4400 looks on a white background.

Color Contrast Check

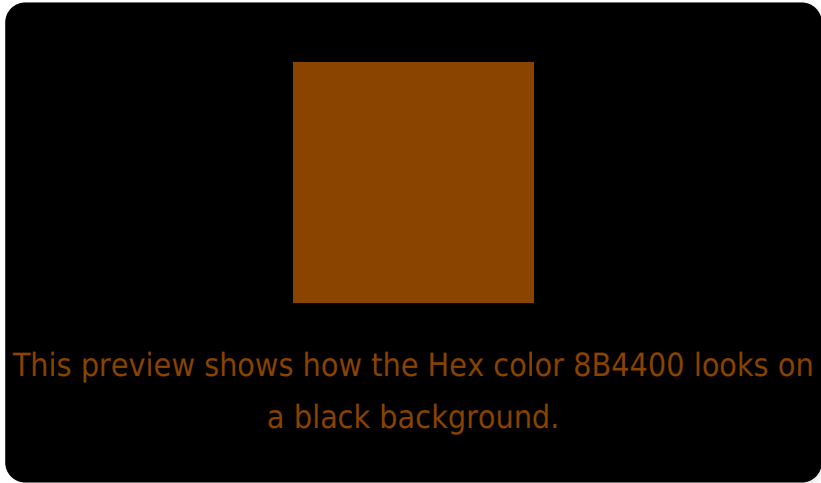
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B4400 Background



This preview shows how black text looks on a background with the Hex color 8B4400.



This preview shows how white text looks on a background with the Hex color 8B4400.

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
8B4400

Protanopia
64590C

Deuteranopia
6F5400



Tritanopia
8D3F44

Trichromacy



Original Color
8B4400

Protanomaly
725108

Deuteranomaly
794E00

Tritanomaly
8C412B

Monochromacy



Original Color
8B4400

Achromatopsia
515151

Achromatomaly
664C34

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B4400 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 #8B4400 looks like.

```
.text, #text, p{  
    color:#8B4400  
}
```

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 #8B4400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B4400
}
```

Border

The CSS property to change the border of an element to Hex 8B4400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

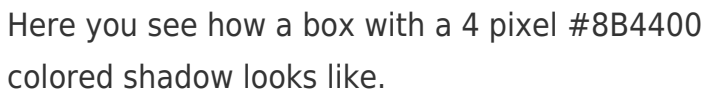
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B4400 }
```

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

```
.border{ border-color:#8B4400 }
```

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

A rectangular box with a 4px #8B4400 colored shadow. The box is white with a thin brown border and a thicker, dark brown shadow on the right and bottom sides. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #8B4400 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B4400; -webkit-box-shadow:4px 4px  
4px 4px #8B4400; box-shadow:4px 4px 4px  
4px #8B4400 }
```

Background

The CSS property to change the background color of an element to Hex 8B4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B4400 }
```

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

```
.background{ background-color:#8B4400 }
```

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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