

# Converting Colors

Hex(8B2B00)

Have a look what the booklet for  
Hex(8B2B00) contains.

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**Color**

**Hex(8B2B00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B2B00
RGB	139, 43, 0
RGB Percent	55%, 17%, 0%
CMY	0.4549, 0.8314, 1.0000
CMYK	0.00, 0.69, 1.00, 0.45
HSL	19°, 100%, 27%
HSV	19°, 100%, 55%
XYZ	11.5113, 7.2167, 0.7863
YIQ	66.8020, 71.0190, 6.9790

# Conversions

## Conversions Part 2

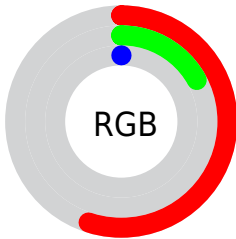
Format	Color
R <sub>Y</sub> B	139, 62, 0
Decimal	9120512
CIE Lab	32.30, 39.21, 44.44
CIE LCh	32, 59.262, 48.574
Yxy	7.2167, 0.5899, 0.3698
Android (android.graphics.Color)	4287310592 (0xFF8B2B00)
YUV	66.8020, -32.9334, 63.3176
Hunter-Lab	26.8640, 29.4762, 17.0695

# Details

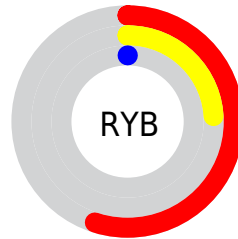
The Hex color **8B2B00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **00608B**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **C75E31**, and **500000** is the 20% darker color. If you saturate the color by 10%, you get **8B2B00**, and if you desaturate by 10%, it is **8B350E**.

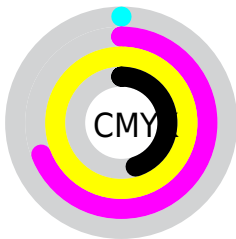
# Distribution



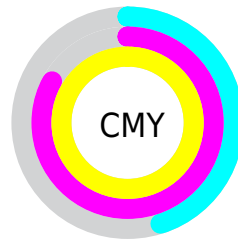
- Red (55%)
- Green (17%)
- Blue (0%)



- Red (55%)
- Yellow (24%)
- Blue (0%)



- Cyan (0%)
- Magenta (69%)
- Yellow (100%)
- Black (45%)



- Cyan (45%)
- Magenta (83%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B2B00 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 8B2B00 by changing the saturation by 10% instead.



 8B2B00

 8B2B00

 FFFFE9

 6E0F00

 C75E31

 500000

 E67849

 360001

 FF9262

 0F0000

 FFAE7B

 000000

 FFCA96

 FFE6B1

 FFFFCC

 8B2B00

 8B350E

 8B3E1C

 8B482A

 8B5138

 8B5B46

 8B6553

 8B6E61

 8B786F

 8B817D

# Harmonies

## Analogous

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



9B0332



8B2B00



6C4400

# Triad

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



8B2B00



005E38



0048A6

# Complementary

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



8B2B00



00608B

# 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.



0057A9



8B2B00



005F69

# Square

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



8B2B00



005B00



005E92



702E8B

# Rectangle

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



8B2B00



524E00



005E92



004EAA



# Sweetspot

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



8B2B00



B5907F



8B0061



5C453B



DBDBDB



5C5C5C



# Same Dimension

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



8B2B00



B53800



8B6F00



45403E



852900



050200



# Inverse Universe

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



00608B



007DB5



001C8B



3E4345



005C85

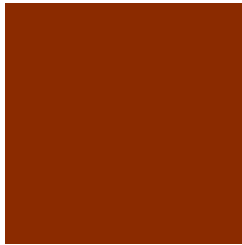


000405



# Previews

## White Background



This preview shows how the Hex color 8B2B00 looks on a white background.

## Color Contrast Check

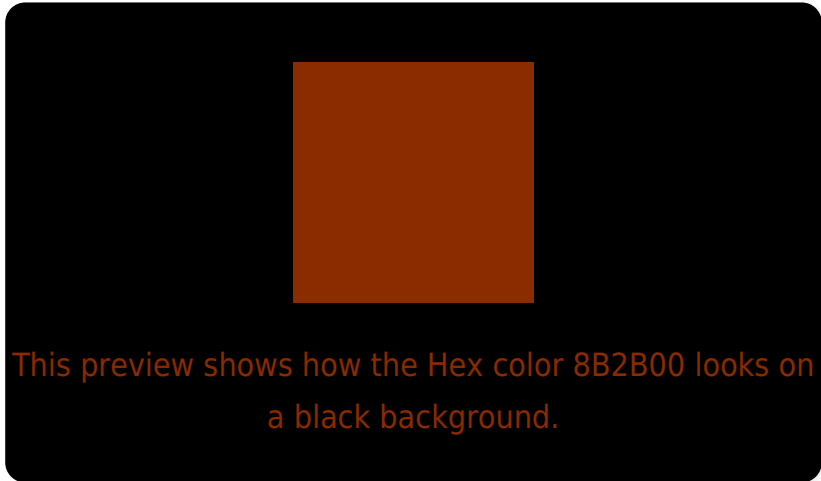
Large Text (above 18pt) WCAG AA ✓ Pass

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

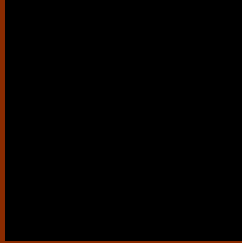
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8B2B00 Background



This preview shows how black text looks on a background with the Hex color 8B2B00.



This preview shows how white text looks on a background with the Hex color 8B2B00.

# 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**  
8B2B00

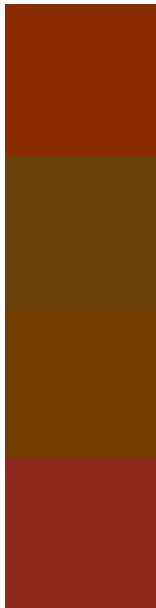
**Protanopia**  
574E0F

**Deuteranopia**  
624900



**Tritanopia**  
8C282A

# Trichromacy



**Original Color**  
8B2B00

**Protanomaly**  
6A410A

**Deuteranomaly**  
713E00

**Tritanomaly**  
8C291B

# Monochromacy



**Original Color**  
8B2B00

**Achromatopsia**  
434343

**Achromatomaly**  
5D3A2B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B2B00 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 #8B2B00 looks like.

```
.text, #text, p{  
    color:#8B2B00  
}
```

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 #8B2B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B2B00
}
```

## Border

The CSS property to change the border of an element to Hex 8B2B00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

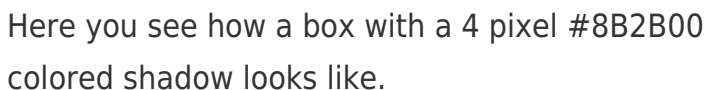
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B2B00 }
```

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

```
.border{ border-color:#8B2B00 }
```

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



Here you see how a box with a 4 pixel #8B2B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B2B00; -webkit-box-shadow:4px 4px  
4px 4px #8B2B00; box-shadow:4px 4px 4px  
4px #8B2B00 }
```

# Background

The CSS property to change the background color of an element to Hex 8B2B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B2B00 }
```

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

```
.background{ background-color:#8B2B00 }
```

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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