

# Converting Colors

Hex(8B4123)

Have a look what the booklet for  
Hex(8B4123) contains.

<b>Hex(8B4123)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(8B4123)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B4123
RGB	139, 65, 35
RGB Percent	55%, 25%, 14%
CMY	0.4549, 0.7451, 0.8627
CMYK	0.00, 0.53, 0.75, 0.45
HSL	17°, 60%, 34%
HSV	17°, 75%, 55%
XYZ	12.8411, 9.3909, 2.7259
YIQ	83.7060, 53.7340, 6.3580

# Conversions

## Conversions Part 2

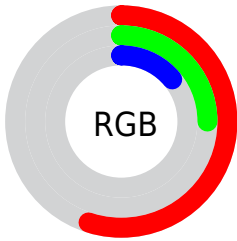
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 77, 35
Decimal	9126179
CIE Lab	36.73, 29.29, 32.40
CIE LCh	37, 43.678, 47.883
Yxy	9.3909, 0.5145, 0.3763
Android (android.graphics.Color)	4287316259 (0xFF8B4123)
YUV	83.7060, -24.0121, 48.4928
Hunter-Lab	30.6446, 21.1696, 16.1772

# Details

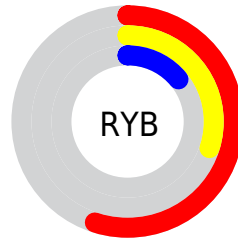
The Hex color **8B4123** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **236D8B**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **C57351**, and **531100** is the 20% darker color. If you saturate the color by 10%, you get **8B3715**, and if you desaturate by 10%, it is **8B4B31**.

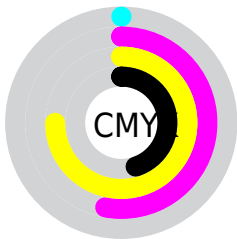
# Distribution



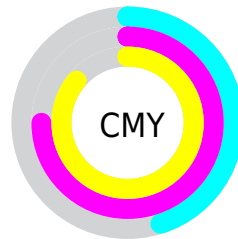
- Red (55%)
- Green (25%)
- Blue (14%)



- Red (55%)
- Yellow (30%)
- Blue (14%)



- Cyan (0%)
- Magenta (53%)
- Yellow (75%)
- Black (45%)



- Cyan (45%)
- Magenta (75%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B4123 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 8B4123 by changing the saturation by 10% instead.



 8B4123

 8B4123

FFFFFF

 6F290D

 C57351

 531100

 E38D6A

 380000

 FFA783

 1D0001

 FFC39D

 000000

 FFDFB8

 FFFCD4

 FFFFF1

 8B4123

 8B4123

■ 8B3715

■ 8B4B31

■ 8B2D07

■ 8B553F

■ 8B2800

■ 8B5F4D

■ 8B695B

■ 8B7269

■ 8B7C76

■ 8B8684

■ 8B9092

■ 8B9AA0

# Harmonies

## Analogous

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



963543



8B4123



745008

# Triad

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



8B4123



006646



39539A

# Complementary

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



8B4123



236D8B

# 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.



005F9B



8B4123



00676B

# Square

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



8B4123



296224



00658A



724486

# Rectangle

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



8B4123



5F5803



00658A



0E579C



# Sweetspot

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



8B4123



B5998D



8B236E



5C4B44



DBDBDB



5C5C5C



# Same Dimension

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



8B4123



B54112



8B7423



45403E



852600



050100



# Inverse Universe

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



236D8B



1286B5



233A8B



3E4345



005E85



000405



# Previews

## White Background



This preview shows how the Hex color 8B4123 looks on a white background.

## Color Contrast Check

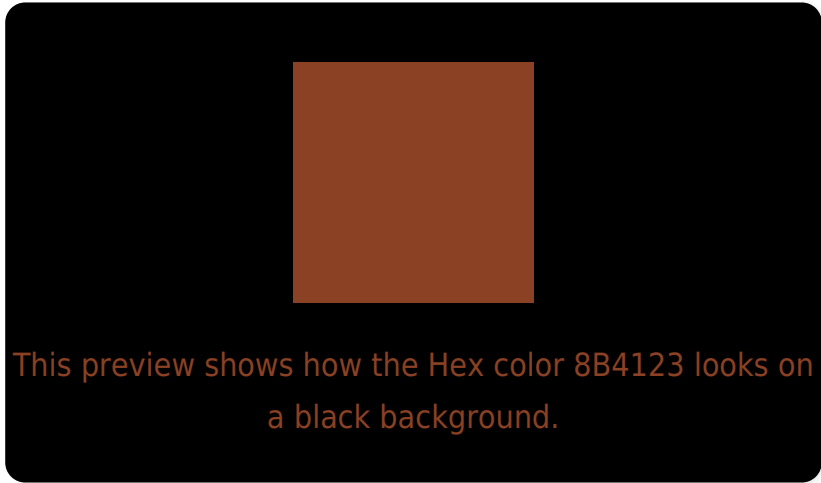
Large Text (above 18pt) WCAG AA ✓ Pass

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

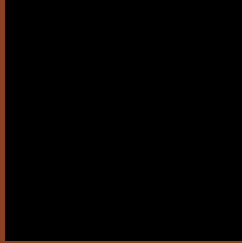
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B4123 Background



This preview shows how black text looks on a background with the Hex color 8B4123.



This preview shows how white text looks on a background with the Hex color 8B4123.

# 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**  
8B4123

**Protanopia**  
61572A

**Deuteranopia**  
6D531E



**Tritanopia**  
8C3E42

# Trichromacy



**Original Color**  
8B4123

**Protanomaly**  
704F27

**Deuteranomaly**  
784C20

**Tritanomaly**  
8C3F37

# Monochromacy



**Original Color**  
8B4123

**Achromatopsia**  
545454

**Achromatomaly**  
684D42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B4123 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 #8B4123 looks like.

```
.text, #text, p{  
    color:#8B4123  
}
```

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 #8B4123 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B4123
}
```

## Border

The CSS property to change the border of an element to Hex 8B4123 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
#8B4123 }
```

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

```
.border{ border-color:#8B4123 }
```

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

Here you see how a box with a 4 pixel #8B4123 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B4123; -webkit-box-shadow:4px 4px  
4px 4px #8B4123; box-shadow:4px 4px 4px  
4px #8B4123 }
```

# Background

The CSS property to change the background color of an element to Hex 8B4123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B4123 }
```

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

```
.background{ background-color:#8B4123 }
```

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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