

# Converting Colors

Hex(B9442B)

Have a look what the booklet for  
Hex(B9442B) contains.

<b>Hex(B9442B)</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(B9442B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B9442B</a>
RGB	<a href="#">185, 68, 43</a>
RGB Percent	<a href="#">73%, 27%, 17%</a>
CMY	<a href="#">0.2745, 0.7333, 0.8314</a>
CMYK	<a href="#">0.00, 0.63, 0.77, 0.27</a>
HSL	<a href="#">11°, 62%, 45%</a>
HSV	<a href="#">11°, 77%, 73%</a>
XYZ	<a href="#">22.5108, 14.6230, 3.9216</a>
YIQ	<a href="#">100.1330, 77.7570, 17.0290</a>

# Conversions

## Conversions Part 2

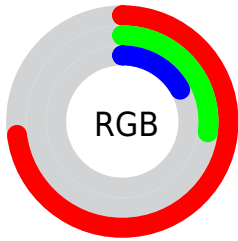
Format	Color
<a href="#">RYB</a>	<a href="#">185, 73, 43</a>
Decimal	<a href="#">12141611</a>
CIELab	<a href="#">45.11, 45.93, 39.32</a>
CIElCh	<a href="#">45, 60.464, 40.564</a>
Yxy	<a href="#">14.6230, 0.5483, 0.3562</a>
Android (android.graphics.Color)	<a href="#">4290331691 (0xFFB9442B)</a>
YUV	<a href="#">100.1330, -28.1666, 74.4284</a>
Hunter-Lab	<a href="#">38.2400, 38.1578, 20.6877</a>

# Details

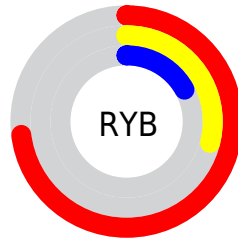
The Hex color **B9442B** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **2BA0B9**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **F7795A**, and **7D0600** is the 20% darker color. If you saturate the color by 10%, you get **B93518**, and if you desaturate by 10%, it is **B9533D**.

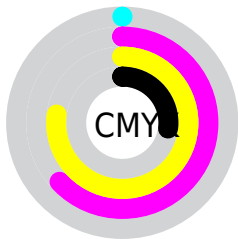
# Distribution



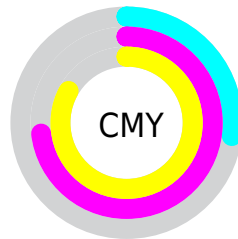
- Red (73%)
- Green (27%)
- Blue (17%)



- Red (73%)
- Yellow (29%)
- Blue (17%)



- Cyan (0%)
- Magenta (63%)
- Yellow (77%)
- Black (27%)



- Cyan (27%)
- Magenta (73%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9442B 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 B9442B by changing the saturation by 10% instead.



 B9442B

 B9442B

FFFFFF

 9B2915

 F7795A

 7D0600

 FF9473

 5F0000

 FFB08D

 420000

 FFCCA8

 260001

 FFE9C3

 000000

 FFFFDF

 FFFFFC

 B9442B

 B9442B

 B93518

 B9533D

 B92606

 B96250

 B92100

 B97263

 B98175

 B99088

 B99F9A

 B9AFAD

 B9BEBF

 B9CDD2

# Harmonies

## Analogous

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



C3315B



B9442B



9B5C00

# Triad

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



B9442B



007F47



006BCF

# Complementary

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



B9442B



2BA0B9

# 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.



0079CA



B9442B



00817C

# Square

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



B9442B



377910



0080AC



8254B8

# Rectangle

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



B9442B



806900



0080AC



0071D0



# Sweetspot

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



B9442B



F0C2B9



B92BA1



785C56



F7F7F7



787878



# Same Dimension

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



B9442B



F03A13



B98A2B



5C5453



9C1B00



1C0500



# Inverse Universe

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



2BA0B9



13C9F0



2B5AB9



535A5C



00809C

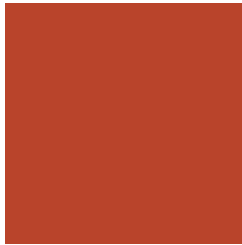


00171C



# Previews

## White Background



This preview shows how the Hex color B9442B looks on a white background.

## Color Contrast Check

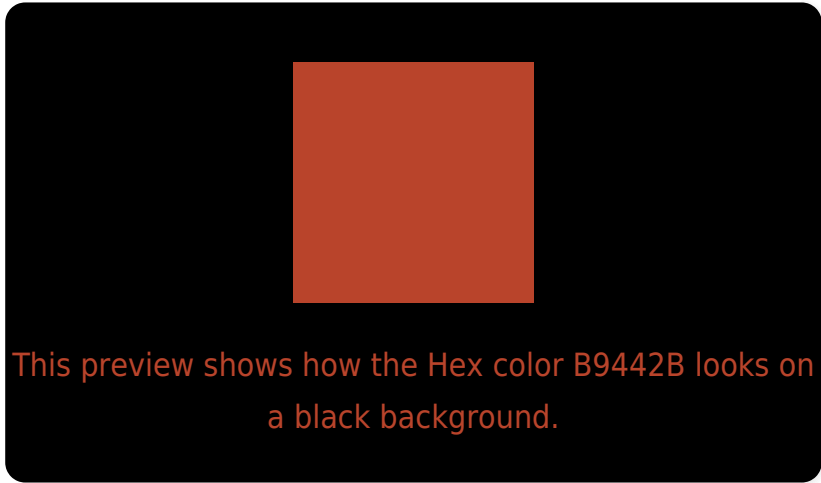
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 B9442B Background



This preview shows how black text looks on a background with the Hex color B9442B.



This preview shows how white text looks on a background with the Hex color B9442B.

# 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**  
B9442B

**Protanopia**  
776C37

**Deuteranopia**  
876622



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9442B 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 #B9442B looks like.

```
.text, #text, p{  
    color:#B9442B  
}
```

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 #B9442B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9442B
}
```

## Border

The CSS property to change the border of an element to Hex B9442B is called "border". The border property can be set on classes, ids or directly on the HTML element.

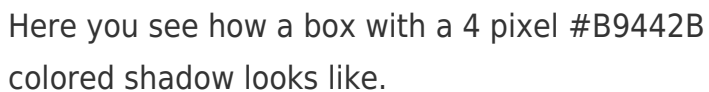
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B9442B }
```

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

```
.border{ border-color:#B9442B }
```

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



Here you see how a box with a 4 pixel #B9442B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9442B; -webkit-box-shadow:4px 4px  
4px 4px #B9442B; box-shadow:4px 4px 4px  
4px #B9442B }
```

# Background

The CSS property to change the background color of an element to Hex B9442B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9442B }
```

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

```
.background{ background-color:#B9442B }
```

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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