

# Converting Colors

Hex(A8422B)

Have a look what the booklet for  
Hex(A8422B) contains.

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**Color**

**Hex(A8422B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A8422B
RGB	168, 66, 43
RGB Percent	66%, 26%, 17%
CMY	0.3412, 0.7412, 0.8314
CMYK	0.00, 0.61, 0.74, 0.34
HSL	11°, 59%, 41%
HSV	11°, 74%, 66%
XYZ	18.5327, 12.3957, 3.7013
YIQ	93.8760, 68.1750, 14.4710

# Conversions

## Conversions Part 2

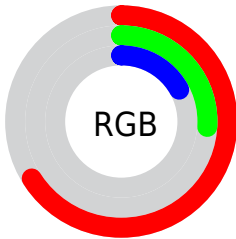
<b>Format</b>	<b>Color</b>
<b>RYB</b>	168, 71, 43
Decimal	11026987
CIELab	41.84, 40.63, 34.93
CIElCh	42, 53.586, 40.685
Yxy	12.3957, 0.5352, 0.3579
Android (android.graphics.Color)	4289217067 (0xFFA8422B)
YUV	93.8760, -25.0819, 65.0067
Hunter-Lab	35.2075, 32.3467, 18.4122

# Details

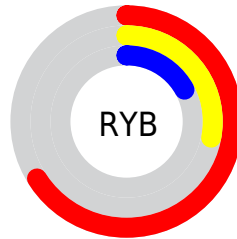
The Hex color **A8422B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2B91A8**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **E5765A**, and **6D0A00** is the 20% darker color. If you saturate the color by 10%, you get **A8341A**, and if you desaturate by 10%, it is **A8503C**.

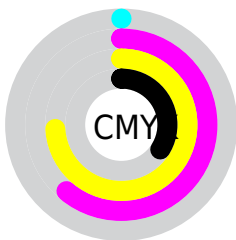
# Distribution



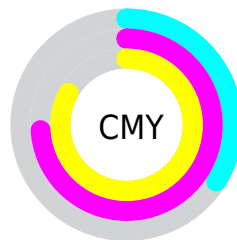
- Red (66%)
- Green (26%)
- Blue (17%)



- Red (66%)
- Yellow (28%)
- Blue (17%)



- Cyan (0%)
- Magenta (61%)
- Yellow (74%)
- Black (34%)



- Cyan (34%)
- Magenta (74%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8422B 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 A8422B by changing the saturation by 10% instead.



 A8422B

 A8422B

FFFFFF

 8A2815

 E5765A

 6D0A00

 FF9073

 500000

 FFAC8C

 360001

 FFC8A7

 0E0000

 FFE4C2

 000000

 FFFFDE

 FFFFFB

 A8422B

 A8422B

 A8341A

 A8503C

 A82709

 A85D4D

 A81F00

 A86B5D

 A8796E

 A8877F

 A89490

 A8A2A1

 A8B0B1

 A8BDC2

# Harmonies

## Analogous

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



B13455



A8422B



8E5600

# Triad

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



A8422B



007544



0063BA

# Complementary

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



A8422B



2B91A8

# 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.



006FB6



A8422B



007772

# Square

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



A8422B



377017



00759B



784FA6

# Rectangle

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



A8422B



766100



00759B



0068BB



# Sweetspot

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



A8422B



DBB4AB



A82B91



6E5651



EDEDED



6E6E6E



# Same Dimension

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



A8422B



DB3C18



A8802B



544D4C



941B00



140400



# Inverse Universe

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



2B91A8



18B7DB



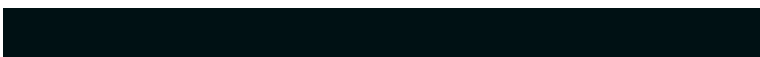
2B53A8



4C5354



007994

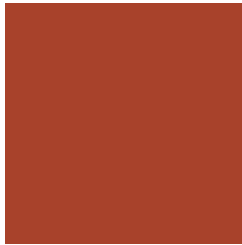


001114



# Previews

## White Background



This preview shows how the Hex color A8422B looks on a white background.

## Color Contrast Check

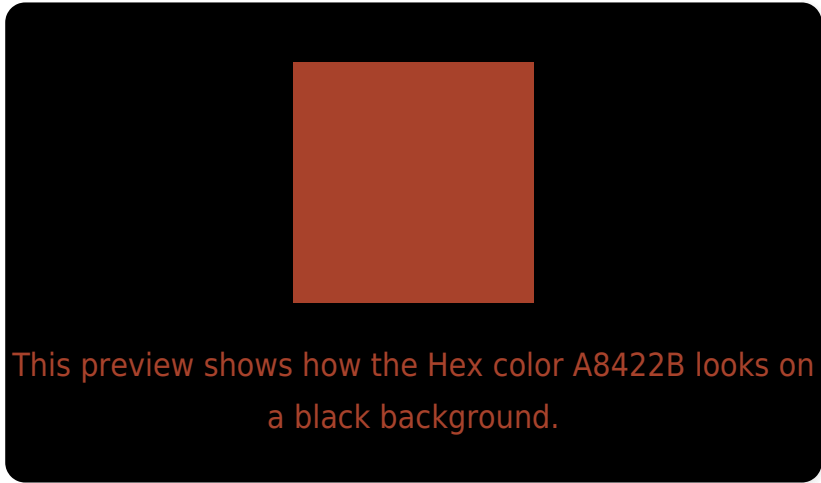
Large Text (above 18pt) WCAG AA ✓ Pass

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 A8422B Background



This preview shows how black text looks on a background with the Hex color A8422B.



This preview shows how white text looks on a background with the Hex color A8422B.

# 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**  
A8422B

**Protanopia**  
6E6435

**Deuteranopia**  
7C5F24



**Tritanopia**  
A93F43

# Trichromacy



**Original Color**  
A8422B

**Protanomaly**  
835831

**Deuteranomaly**  
8C5427

**Tritanomaly**  
A9403A

# Monochromacy



**Original Color**  
A8422B

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
79544B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8422B 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 #A8422B looks like.

```
.text, #text, p{  
    color:#A8422B  
}
```

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 #A8422B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8422B
}
```

## Border

The CSS property to change the border of an element to Hex A8422B is called "border". The border property can be set on classes, ids or directly on the HTML element.

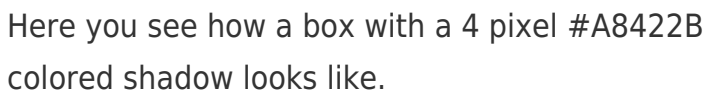
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A8422B }
```

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

```
.border{ border-color:#A8422B }
```

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



Here you see how a box with a 4 pixel #A8422B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8422B; -webkit-box-shadow:4px 4px  
4px 4px #A8422B; box-shadow:4px 4px 4px  
4px #A8422B }
```

# Background

The CSS property to change the background color of an element to Hex A8422B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8422B }
```

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

```
.background{ background-color:#A8422B }
```

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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