

# Converting Colors

Hex(A0442C)

Have a look what the booklet for  
Hex(A0442C) contains.

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# Color

Hex(A0442C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A0442C
RGB	160, 68, 44
RGB Percent	63%, 27%, 17%
CMY	0.3725, 0.7333, 0.8275
CMYK	0.00, 0.58, 0.72, 0.37
HSL	12°, 57%, 40%
HSV	12°, 72%, 63%
XYZ	17.0189, 11.7897, 3.7615
YIQ	92.7720, 62.5360, 12.0400

# Conversions

## Conversions Part 2

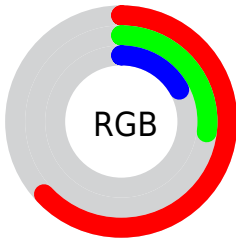
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 74, 44
Decimal	10503212
CIELab	40.88, 36.65, 32.93
CIElCh	41, 49.268, 41.944
Yxy	11.7897, 0.5225, 0.3620
Android (android.graphics.Color)	4288693292 (0xFFA0442C)
YUV	92.7720, -24.0446, 58.9590
Hunter-Lab	34.3361, 28.3867, 17.5401

# Details

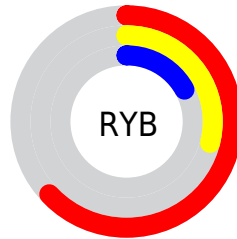
The Hex color **A0442C** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2C88A0**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **DC775B**, and **661000** is the 20% darker color. If you saturate the color by 10%, you get **A0371C**, and if you desaturate by 10%, it is **A0513C**.

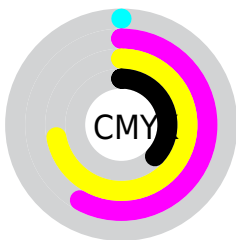
# Distribution



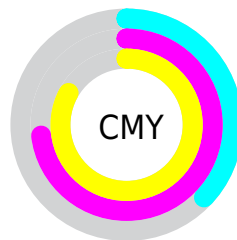
- Red (63%)
- Green (27%)
- Blue (17%)



- Red (63%)
- Yellow (29%)
- Blue (17%)



- Cyan (0%)
- Magenta (58%)
- Yellow (72%)
- Black (37%)



- Cyan (37%)
- Magenta (73%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0442C 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 A0442C by changing the saturation by 10% instead.



 A0442C

 A0442C

FFFFFF

 832B16

 DC775B

 661000

 FA9174

 4A0000

 FFAD8D

 310001

 FFC8A8

 000000

 FFE5C3

 FFFFDF

 FFFFFC

 A0442C

 A0442C

 A0371C

 A0513C

 A02B0C

 A05D4C

 A02100

 A06A5C

 A0776C

 A0837C

 A0908C

 A09D9C

 A0AAAC

 A0B6BC

# Harmonies

## Analogous

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



A93852



A0442C



885509

# Triad

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



A0442C



007246



2360B0

# Complementary

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



A0442C



2C88A0

# 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.



006CAD



A0442C



007370

# Square

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



A0442C



376D1E



007296



774E9D

# Rectangle

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



A0442C



715F00



007296



0064B1



# Sweetspot

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



A0442C



D1ADA3



A02C89



69534D



E8E8E8



696969



# Same Dimension

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



A0442C



D1411B



A07D2C



4F4947



8F1E00



0F0300



# Inverse Universe

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



2C88A0



1BABD1



2C4FA0



474D4F



00718F



000C0F



# Previews

## White Background



This preview shows how the Hex color A0442C looks on a white background.

## Color Contrast Check

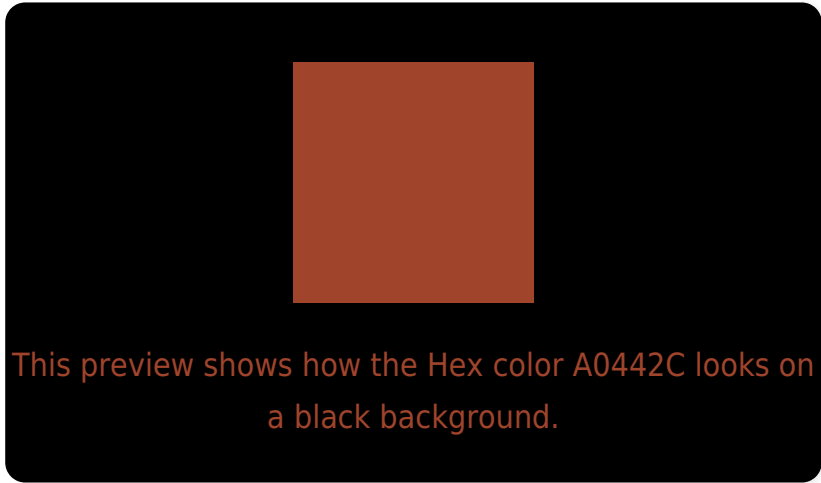
Large Text (above 18pt) WCAG AA ✓ Pass

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

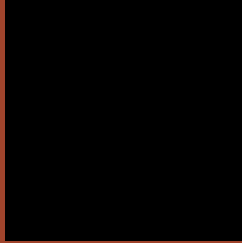
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A0442C Background



This preview shows how black text looks on a background with the Hex color A0442C.



This preview shows how white text looks on a background with the Hex color A0442C.

# 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**  
A0442C

**Protanopia**  
6B6135

**Deuteranopia**  
795C26

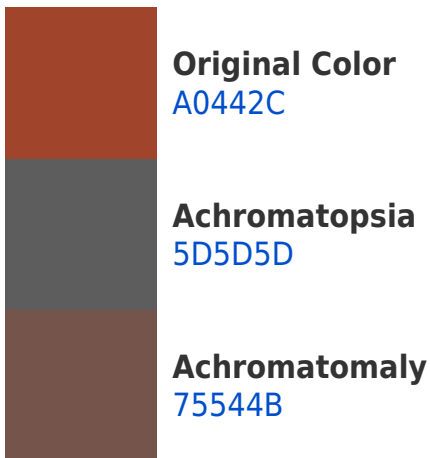


**Tritanopia**  
A14145

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0442C 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 #A0442C looks like.

```
.text, #text, p{  
    color:#A0442C  
}
```

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 #A0442C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0442C
}
```

## Border

The CSS property to change the border of an element to Hex A0442C is called "border". The border property can be set on classes, ids or directly on the HTML element.

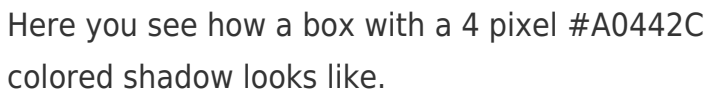
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A0442C }
```

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

```
.border{ border-color:#A0442C }
```

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



Here you see how a box with a 4 pixel #A0442C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0442C; -webkit-box-shadow:4px 4px  
4px 4px #A0442C; box-shadow:4px 4px 4px  
4px #A0442C }
```

# Background

The CSS property to change the background color of an element to Hex A0442C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0442C }
```

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

```
.background{ background-color:#A0442C }
```

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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