

# Converting Colors

Hex(A02A2B)

Have a look what the booklet for  
Hex(A02A2B) contains.

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# Color

**Hex(A02A2B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A02A2B
RGB	160, 42, 43
RGB Percent	63%, 16%, 17%
CMY	0.3725, 0.8353, 0.8314
CMYK	0.00, 0.74, 0.73, 0.37
HSL	359°, 58%, 40%
HSV	359°, 74%, 63%
XYZ	15.7612, 9.3039, 3.2506
YIQ	77.3960, 70.0070, 25.3270

# Conversions

## Conversions Part 2

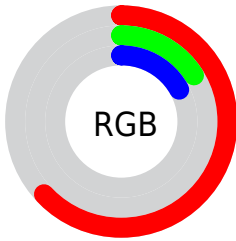
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 42, 43
Decimal	10496555
CIELab	36.56, 48.13, 28.58
CIELCh	37, 55.979, 30.703
Yxy	9.3039, 0.5566, 0.3286
Android (android.graphics.Color)	4288686635 (0xFFA02A2B)
YUV	77.3960, -16.9572, 72.4437
Hunter-Lab	30.5023, 38.8557, 15.0331

# Details

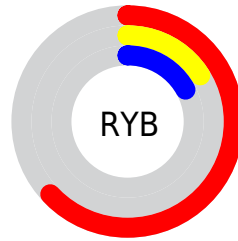
The Hex color **A02A2B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2AA09F**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **DD6059**, and **650000** is the 20% darker color. If you saturate the color by 10%, you get **A01A1B**, and if you desaturate by 10%, it is **A03A3B**.

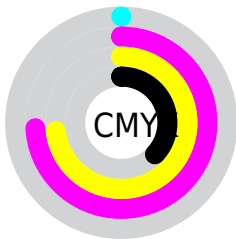
# Distribution



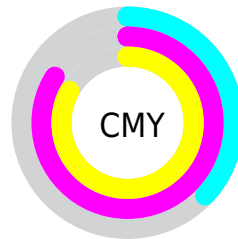
- Red (63%)
- Green (16%)
- Blue (17%)



- Red (63%)
- Yellow (16%)
- Blue (17%)



- Cyan (0%)
- Magenta (74%)
- Yellow (73%)
- Black (37%)



- Cyan (37%)
- Magenta (84%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A02A2B 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 A02A2B by changing the saturation by 10% instead.



 A02A2B

 A02A2B

FFFFFF

 820516

 DD6059

 650000

 FC7B71

 480000

 FF978B

 2D0001

 FFB2A5

 000000

 FFCFC0

 FFECD0

 FFFFF9

 A02A2B

 A02A2B

 A01A1B

 A03A3B

 A00A0B

 A04A4B

 A00001

 A05A5B

 A06A6A

 A07A7A

 A08A8A

 A09A9A

 A0AAAA

 A0BABA

# Harmonies

## Analogous

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



A21D57



A02A2B



8A4200

# Triad

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



A02A2B



006726



005CB1

# Complementary

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



A02A2B



2AA09F

# 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.



0066A5



A02A2B



006956

# Square

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



A02A2B



3A6000



006983



5249A4

# Rectangle

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



A02A2B



754F00



006983



0060B0



# Sweetspot

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



A02A2B



D1A3A3



9E2AA0



694D4E



E8E8E8



696969



# Same Dimension

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



A02A2B



D11719



A0632A



4F4747



8F0001



0F0000



# Inverse Universe

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



A02A2B



D11719



2A67A0



4F4747



8F0001



0F0000



# Previews

## White Background



This preview shows how the Hex color A02A2B looks on a white background.

## Color Contrast Check

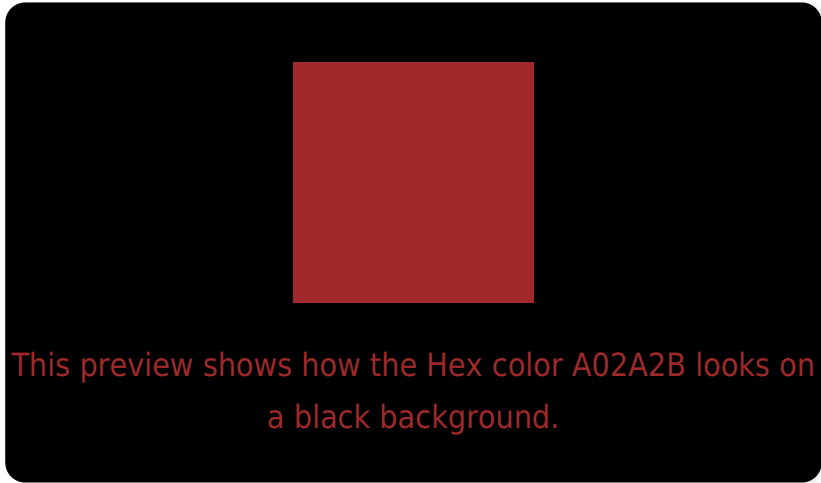
Large Text (above 18pt) WCAG AA ✓ Pass

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 A02A2B Background



This preview shows how black text looks on a background with the Hex color A02A2B.

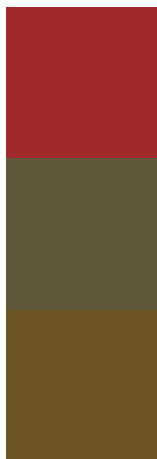


This preview shows how white text looks on a background with the Hex color A02A2B.

# 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



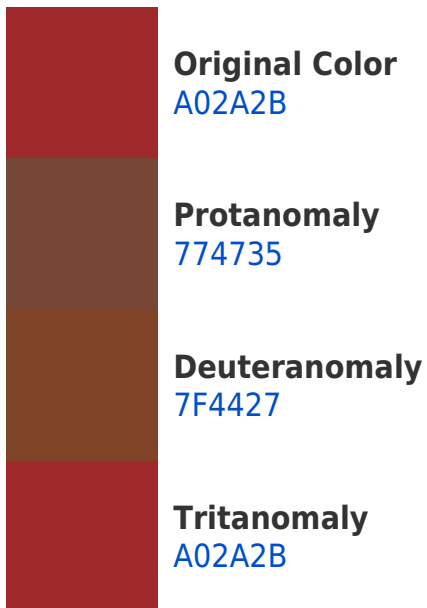
**Original Color**  
A02A2B

**Protanopia**  
5F573A

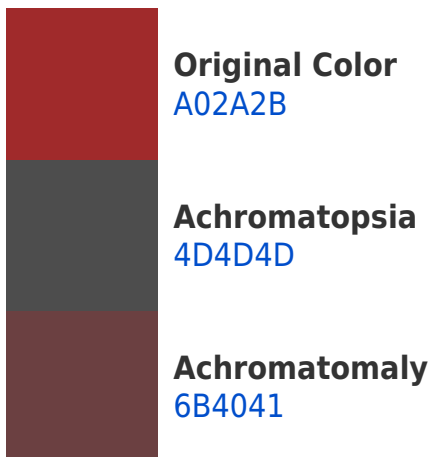
**Deuteranopia**  
6C5324



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A02A2B 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 #A02A2B looks like.

```
.text, #text, p{  
    color:#A02A2B  
}
```

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 #A02A2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A02A2B
}
```

## Border

The CSS property to change the border of an element to Hex A02A2B 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
#A02A2B }
```

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

```
.border{ border-color:#A02A2B }
```

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

Here you see how a box with a 4 pixel #A02A2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A02A2B; -webkit-box-shadow:4px 4px  
4px 4px #A02A2B; box-shadow:4px 4px 4px  
4px #A02A2B }
```

# Background

The CSS property to change the background color of an element to Hex A02A2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A02A2B }
```

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

```
.background{ background-color:#A02A2B }
```

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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