

Converting Colors

Hex(A02C2C)

Have a look what the booklet for
Hex(A02C2C) contains.

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Color

Hex(A02C2C)

Conversions

Conversions Part 1

Format	Color
Hex	A02C2C
RGB	160, 44, 44
RGB Percent	63%, 17%, 17%
CMY	0.3725, 0.8275, 0.8275
CMYK	0.00, 0.72, 0.72, 0.37
HSL	0°, 57%, 40%
HSV	0°, 72%, 63%
XYZ	15.8525, 9.4568, 3.3727
YIQ	78.6840, 69.1360, 24.5920

Conversions

Conversions Part 2

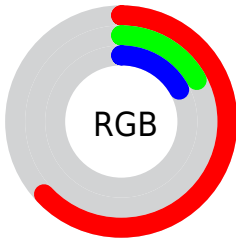
Format	Color
RYB	160, 44, 44
Decimal	10497068
CIELab	36.85, 47.43, 28.31
CIElCh	37, 55.233, 30.832
Yxy	9.4568, 0.5527, 0.3297
Android (android.graphics.Color)	4288687148 (0xFFA02C2C)
YUV	78.6840, -17.0992, 71.3141
Hunter-Lab	30.7519, 38.2004, 15.0237

Details

The Hex color **A02C2C** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2CA0A0**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **DD625A**, and **650000** is the 20% darker color. If you saturate the color by 10%, you get **A01C1C**, and if you desaturate by 10%, it is **A03C3C**.

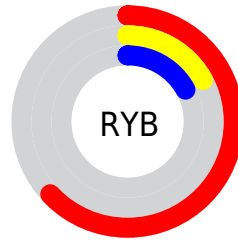
Distribution



Red (63%)

Green (17%)

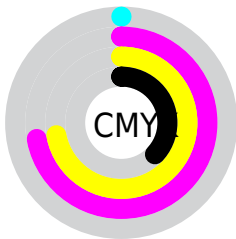
Blue (17%)



Red (63%)

Yellow (17%)

Blue (17%)

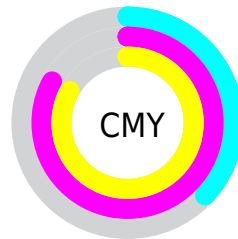


Cyan (0%)

Magenta (72%)

Yellow (72%)

Black (37%)



Cyan (37%)

Magenta (83%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color A02C2C 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 A02C2C by changing the saturation by 10% instead.

 A02C2C

 A02C2C

FFFFFF

 820A17

 DD625A

 650000

 FC7D73

 480000

 FF988C

 2D0002

 FFB4A7

 000000

 FFD0C2

 FFEDDE

 FFFFFA

 A02C2C

 A02C2C

 A01C1C

 A03C3C

 A00C0C

 A04C4C

 A00000

 A05C5C

 A06C6C

 A07C7C

 A08C8C

 A09C9C

 A0ACAC

 A0BCBC

Harmonies

Analogous

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



A22057



A02C2C



8B4300

Triad

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



A02C2C



006728



005CB0

Complementary

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



A02C2C



2CA0A0

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.



0066A4



A02C2C



006A57

Square

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



A02C2C



3C6100



006A83



544AA4

Rectangle

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



A02C2C



755000



006A83



0060AF

Sweetspot

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



A02C2C



D1A3A3



A02CA0



694D4D



E8E8E8



696969

Same Dimension

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



A02C2C



D11B1B



A0662C



4F4747



8F0000



0F0000

Inverse Universe

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



2CA0A0



1BD1D1



2C66A0



474F4F



008F8F



000F0F

Previews

White Background



This preview shows how the Hex color A02C2C looks on a white background.

Color Contrast Check

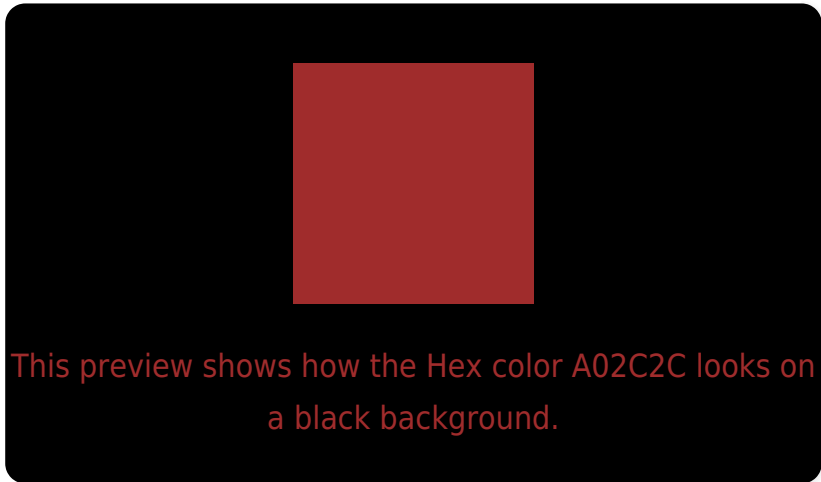
Large Text (above 18pt) WCAG AA ✓ Pass

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 A02C2C Background



This preview shows how black text looks on a background with the Hex color A02C2C.



This preview shows how white text looks on a background with the Hex color A02C2C.

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
A02C2C

Protanopia
5F583B

Deuteranopia
6D5425

Trichromacy



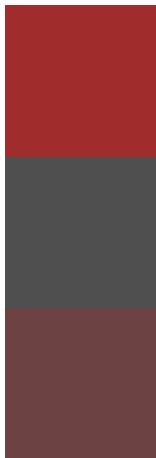
Original Color
A02C2C

Protanomaly
774836

Deuteranomaly
804528

Tritanomaly
A02C2D

Monochromacy



Original Color
A02C2C

Achromatopsia
4F4F4F

Achromatomaly
6C4242

CSS Examples

Text

The CSS property to change the color of the text to Hex A02C2C 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 #A02C2C looks like.

```
.text, #text, p{  
    color:#A02C2C  
}
```

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 #A02C2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A02C2C
}
```

Border

The CSS property to change the border of an element to Hex A02C2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

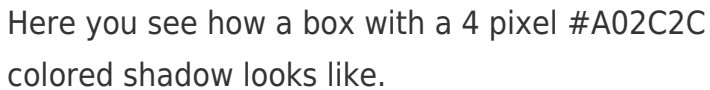
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A02C2C }
```

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

```
.border{ border-color:#A02C2C }
```

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



Here you see how a box with a 4 pixel `#A02C2C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A02C2C; -webkit-box-shadow:4px 4px  
4px 4px #A02C2C; box-shadow:4px 4px 4px  
4px #A02C2C }
```

Background

The CSS property to change the background color of an element to Hex A02C2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A02C2C }
```

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

```
.background{ background-color:#A02C2C }
```

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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