

Converting Colors

Hex(AA2C2A)

Have a look what the booklet for
Hex(AA2C2A) contains.

Hex(AA2C2A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AA2C2A)

Conversions

Conversions Part 1

Format	Color
Hex	AA2C2A
RGB	170, 44, 42
RGB Percent	67%, 17%, 16%
CMY	0.3333, 0.8275, 0.8353
CMYK	0.00, 0.74, 0.75, 0.33
HSL	1°, 60%, 42%
HSV	1°, 75%, 67%
XYZ	17.8962, 10.5146, 3.2768
YIQ	81.4460, 75.7380, 26.0900

Conversions

Conversions Part 2

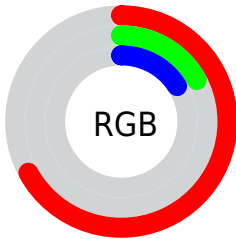
Format	Color
RYB	170, 44, 42
Decimal	11152426
CIELab	38.75, 50.58, 32.19
CIElCh	39, 59.957, 32.469
Yxy	10.5146, 0.5648, 0.3318
Android (android.graphics.Color)	4289342506 (0xFFAA2C2A)
YUV	81.4460, -19.4469, 77.6619
Hunter-Lab	32.4262, 41.7691, 16.7069

Details

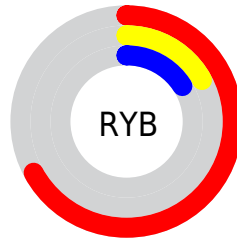
The Hex color **AA2C2A** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2AA8AA**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **E86358**, and **6E0000** is the 20% darker color. If you saturate the color by 10%, you get **AA1B19**, and if you desaturate by 10%, it is **AA3D3B**.

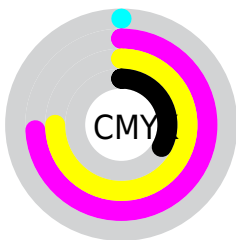
Distribution



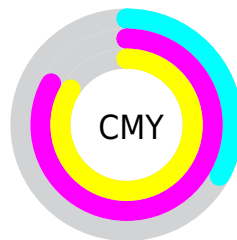
- Red (67%)
- Green (17%)
- Blue (16%)



- Red (67%)
- Yellow (17%)
- Blue (16%)



- Cyan (0%)
- Magenta (74%)
- Yellow (75%)
- Black (33%)



- Cyan (33%)
- Magenta (83%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA2C2A 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 AA2C2A by changing the saturation by 10% instead.

 AA2C2A

 AA2C2A

FFFFFF

 8C0615

 E86358

 6E0000

 FF7E71

 500000

 FF9A8A

 360002

 FFB6A4

 050000

 FFD2C0

 000000

 FFF0DC

 FFFFF8

 AA2C2A

 AA2C2A

■ AA1B19

■ AA3D3B

■ AA0B08

■ AA4D4C

■ AA0300

■ AA5E5D

■ AA6F6E

■ AA807F

■ AA9090

■ AAA1A1

■ AAB2B2

■ AAC3C3

Harmonies

Analogous

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



AE1B59



AA2C2A



924700

Triad

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



AA2C2A



006D2B



0060BE

Complementary

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



AA2C2A



2AA8AA

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.



006CB2



AA2C2A



00705E

Square

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



AA2C2A



396700



00708F



5C4CAE

Rectangle

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



AA2C2A



7A5500



00708F



0065BD

Sweetspot

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



AA2C2A



DEACAB



AA2AAA



705151



F0F0F0



707070

Same Dimension

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



AA2C2A



DE1916



AA6A2A



544C4C



940200



140000

Inverse Universe

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



2AA8AA



16DBDE



2A6AAA



4C5454



009294



001414

Previews

White Background



This preview shows how the Hex color AA2C2A looks on a white background.

Color Contrast Check

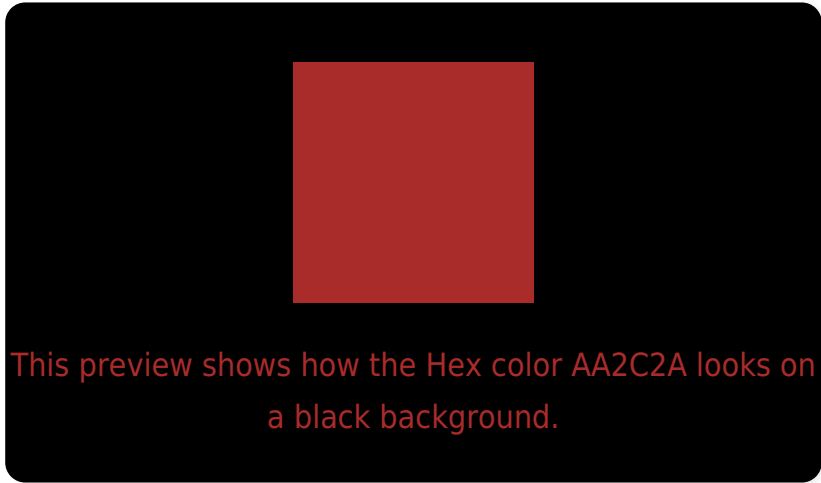
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA2C2A Background



This preview shows how black text looks on a background with the Hex color AA2C2A.



This preview shows how white text looks on a background with the Hex color AA2C2A.

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

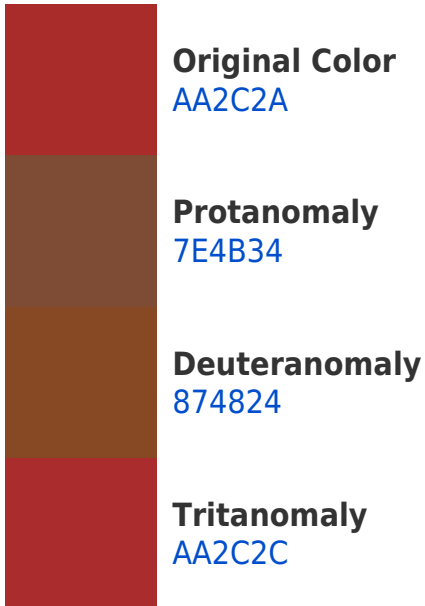


Original Color
AA2C2A

Protanopia
655C39

Deuteranopia
735821

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA2C2A 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 #AA2C2A looks like.

```
.text, #text, p{  
    color:#AA2C2A  
}
```

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 #AA2C2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA2C2A
}
```

Border

The CSS property to change the border of an element to Hex AA2C2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

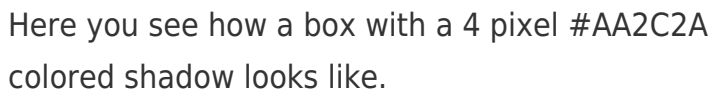
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA2C2A }
```

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

```
.border{ border-color:#AA2C2A }
```

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



Here you see how a box with a 4 pixel #AA2C2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA2C2A; -webkit-box-shadow:4px 4px  
4px 4px #AA2C2A; box-shadow:4px 4px 4px  
4px #AA2C2A }
```

Background

The CSS property to change the background color of an element to Hex AA2C2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA2C2A }
```

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

```
.background{ background-color:#AA2C2A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor