

# Converting Colors

Hex(AA2A3A)

Have a look what the booklet for  
Hex(AA2A3A) contains.

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# Color

Hex(AA2A3A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA2A3A
RGB	170, 42, 58
RGB Percent	67%, 16%, 23%
CMY	0.3333, 0.8353, 0.7725
CMYK	0.00, 0.75, 0.66, 0.33
HSL	352°, 60%, 42%
HSV	352°, 75%, 67%
XYZ	18.1692, 10.5075, 5.0735
YIQ	82.0960, 71.1520, 32.1120

# Conversions

## Conversions Part 2

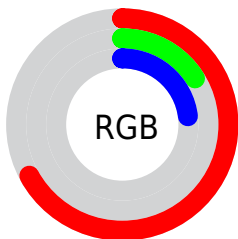
Format	Color
R <sub>Y</sub> B	170, 42, 58
Decimal	11151930
CIE Lab	38.74, 52.09, 22.41
CIE LCh	39, 56.703, 23.276
Yxy	10.5075, 0.5383, 0.3113
Android (android.graphics.Color)	4289342010 (0xFFAA2A3A)
YUV	82.0960, -11.8793, 77.0918
Hunter-Lab	32.4152, 43.3255, 13.4108

# Details

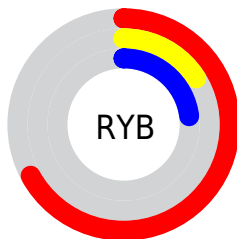
The Hex color **AA2A3A** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **2AAA9A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **E76269**, and **6F0010** is the 20% darker color. If you saturate the color by 10%, you get **AA192B**, and if you desaturate by 10%, it is **AA3B49**.

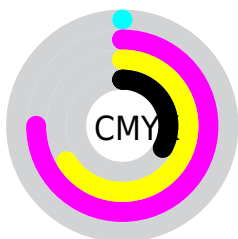
# Distribution



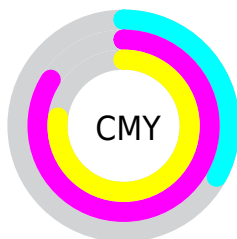
- Red (67%)
- Green (16%)
- Blue (23%)



- Red (67%)
- Yellow (16%)
- Blue (23%)



- Cyan (0%)
- Magenta (75%)
- Yellow (66%)
- Black (33%)



- Cyan (33%)
- Magenta (84%)
- Yellow (77%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA2A3A 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 AA2A3A by changing the saturation by 10% instead.



■ AA2A3A

■ AA2A3A

FFFFFF

■ 8C0125

■ E76269

■ 6F0010

■ FF7D82

■ 520000

■ FF999C

■ 370002

■ FFB5B7

■ 090000

■ FFD2D3

■ 000000

■ FFEFEF

■ AA2A3A

■ AA2A3A

■ AA192B

■ AA3B49

■ AA081C

■ AA4C58

■ AA0015

■ AA5D67

■ AA6E75

■ AA7F84

■ AA9093

■ AAA1A2

■ AAB2B1

■ AAC3C0

# Harmonies

## Analogous

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



A62668



AA2A3A



98410C

# Triad

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



AA2A3A



006B1E



0064B7

# Complementary

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



AA2A3A



2AAA9A

# 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.



006DA5



AA2A3A



006F4F

# Square

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



AA2A3A



4D6300



006F7E



3F54B1

# Rectangle

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



AA2A3A



845000



006F7E



0068B4



# Sweetspot

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



AA2A3A



DEABB1



992AAA



705155



F0F0F0



707070



# Same Dimension

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



AA2A3A



DE162F



AA592A



544C4D



940012



140003



# Inverse Universe

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



AA2A3A



DE162F



2A7BAA



544C4D



940012



140003



# Previews

## White Background



This preview shows how the Hex color AA2A3A looks on a white background.

## Color Contrast Check

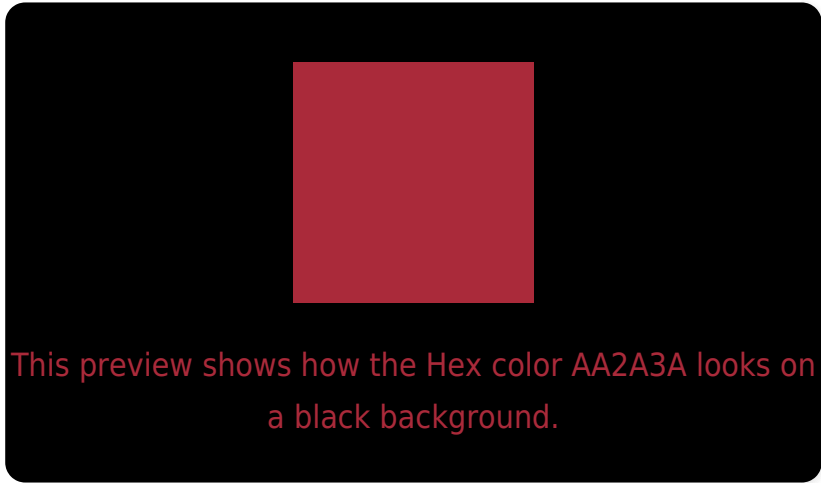
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA2A3A Background



This preview shows how black text looks on a background with the Hex color AA2A3A.

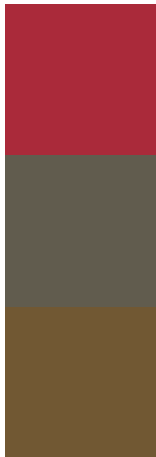


This preview shows how white text looks on a background with the Hex color AA2A3A.

# 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**  
AA2A3A

**Protanopia**  
615C4E

**Deuteranopia**  
715833



# Trichromacy



**Original Color**

AA2A3A

**Protanomaly**

7C4A47

**Deuteranomaly**

864736

**Tritanomaly**

AA2B32

# Monochromacy



**Original Color**

AA2A3A

**Achromatopsia**

525252

**Achromatomaly**

724349

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA2A3A 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 #AA2A3A looks like.

```
.text, #text, p{  
    color:#AA2A3A  
}
```

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 #AA2A3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA2A3A
}
```

## Border

The CSS property to change the border of an element to Hex AA2A3A 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
#AA2A3A }
```

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

```
.border{ border-color:#AA2A3A }
```

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

Here you see how a box with a 4 pixel #AA2A3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA2A3A; -webkit-box-shadow:4px 4px  
4px 4px #AA2A3A; box-shadow:4px 4px 4px  
4px #AA2A3A }
```

# Background

The CSS property to change the background color of an element to Hex AA2A3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA2A3A }
```

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

```
.background{ background-color:#AA2A3A }
```

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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