

Converting Colors

Hex(AA2A3F)

Have a look what the booklet for
Hex(AA2A3F) contains.

Hex(AA2A3F)	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(AA2A3F)

Conversions

Conversions Part 1

Format	Color
Hex	AA2A3F
RGB	170, 42, 63
RGB Percent	67%, 16%, 25%
CMY	0.3333, 0.8353, 0.7529
CMYK	0.00, 0.75, 0.63, 0.33
HSL	350°, 60%, 42%
HSV	350°, 75%, 67%
XYZ	18.3027, 10.5609, 5.7764
YIQ	82.6660, 69.5470, 33.6670

Conversions

Conversions Part 2

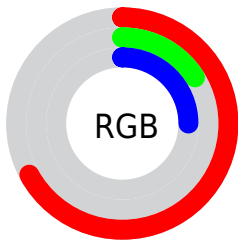
Format	Color
R _Y B	170, 42, 63
Decimal	11151935
CIE Lab	38.83, 52.39, 19.39
CIE LCh	39, 55.864, 20.305
Yxy	10.5609, 0.5284, 0.3049
Android (android.graphics.Color)	4289342015 (0xFFAA2A3F)
YUV	82.6660, -9.6953, 76.5919
Hunter-Lab	32.4975, 43.6615, 12.2095

Details

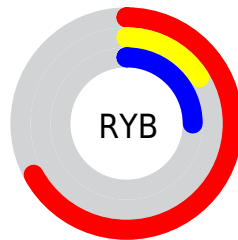
The Hex color **AA2A3F** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **2AAA95**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **E7626E**, and **6F0015** is the 20% darker color. If you saturate the color by 10%, you get **AA1931**, and if you desaturate by 10%, it is **AA3B4D**.

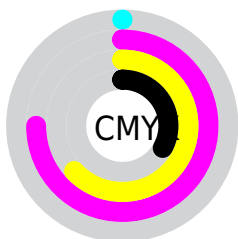
Distribution



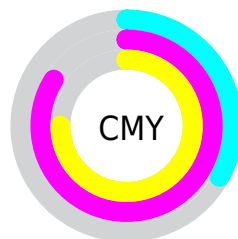
- Red (67%)
- Green (16%)
- Blue (25%)



- Red (67%)
- Yellow (16%)
- Blue (25%)



- Cyan (0%)
- Magenta (75%)
- Yellow (63%)
- Black (33%)



- Cyan (33%)
- Magenta (84%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA2A3F 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 AA2A3F by changing the saturation by 10% instead.

■ AA2A3F

■ AA2A3F

FFFFFF

■ 8C0129

■ E7626E

■ 6F0015

■ FF7E88

■ 520000

■ FF99A2

■ 370002

■ FFB5BD

■ 0B0000

■ FFD2D9

■ 000000

■ FFEFF5

■ AA2A3F

■ AA2A3F

■ AA1931

■ AA3B4D

■ AA0823

■ AA4C5B

■ AA001C

■ AA5D6A

■ AA6E78

■ AA7F86

■ AA9094

■ AAA1A2

■ AAB2B1

■ AAC3BF

Harmonies

Analogous

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



A4296C



AA2A3F



9A4013

Triad

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



AA2A3F



066B1B



0065B6

Complementary

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



AA2A3F



2AAA95

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.



006DA1



AA2A3F



006F4B

Square

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



AA2A3F



526200



00707A



3456B1

Rectangle

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



AA2A3F



874E00



00707A



0069B1

Sweetspot

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



AA2A3F



DEABB3



952AAA



705156



F0F0F0



707070

Same Dimension

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



AA2A3F



DE1637



AA552A



544C4D



940018



140003

Inverse Universe

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



AA2A3F



DE1637



2A7FAA



544C4D



940018



140003

Previews

White Background



This preview shows how the Hex color AA2A3F looks on a white background.

Color Contrast Check

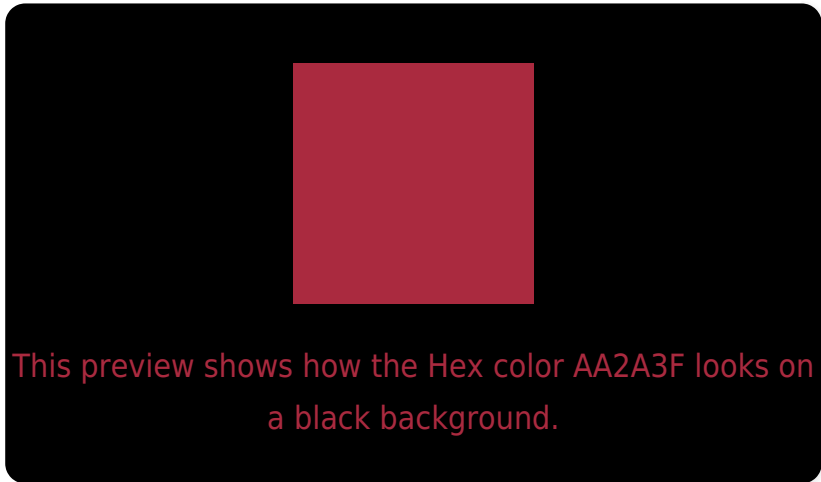
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA2A3F Background



This preview shows how black text looks on a background with the Hex color AA2A3F.

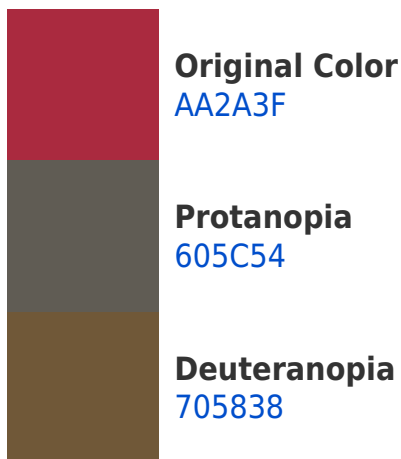


This preview shows how white text looks on a background with the Hex color AA2A3F.

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





Tritanopia
A92D2F

Trichromacy



Original Color
AA2A3F

Protanomaly
7B4A4C

Deuteranomaly
85473B

Tritanomaly
A92C35

Monochromacy



Original Color
AA2A3F

Achromatopsia
535353

Achromatomaly
73444C

CSS Examples

Text

The CSS property to change the color of the text to Hex AA2A3F 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 #AA2A3F looks like.

```
.text, #text, p{  
    color:#AA2A3F  
}
```

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 #AA2A3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA2A3F
}
```

Border

The CSS property to change the border of an element to Hex AA2A3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

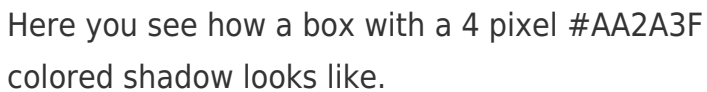
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA2A3F }
```

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

```
.border{ border-color:#AA2A3F }
```

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



Here you see how a box with a 4 pixel #AA2A3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA2A3F; -webkit-box-shadow:4px 4px  
4px 4px #AA2A3F; box-shadow:4px 4px 4px  
4px #AA2A3F }
```

Background

The CSS property to change the background color of an element to Hex AA2A3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA2A3F }
```

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

```
.background{ background-color:#AA2A3F }
```

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