

Converting Colors

Hex(AA213A)

Have a look what the booklet for
Hex(AA213A) contains.

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Color

Hex(AA213A)

Conversions

Conversions Part 1

Format	Color
Hex	AA213A
RGB	170, 33, 58
RGB Percent	67%, 13%, 23%
CMY	0.3333, 0.8706, 0.7725
CMYK	0.00, 0.81, 0.66, 0.33
HSL	349°, 67%, 40%
HSV	349°, 81%, 67%
XYZ	17.8851, 9.9392, 4.9788
YIQ	76.8130, 73.6270, 36.8190

Conversions

Conversions Part 2

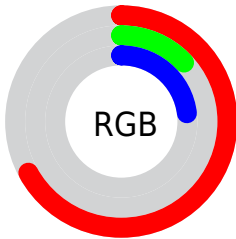
Format	Color
RYB	170, 33, 58
Decimal	11149626
CIELab	37.73, 54.91, 21.12
CIElCh	38, 58.835, 21.042
Yxy	9.9392, 0.5452, 0.3030
Android (android.graphics.Color)	4289339706 (0xFFAA213A)
YUV	76.8130, -9.2748, 81.7250
Hunter-Lab	31.5266, 46.0922, 12.7053

Details

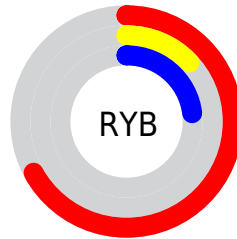
The Hex color **AA213A** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **21AA91**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **E75C69**, and **6E0010** is the 20% darker color. If you saturate the color by 10%, you get **AA102C**, and if you desaturate by 10%, it is **AA3248**.

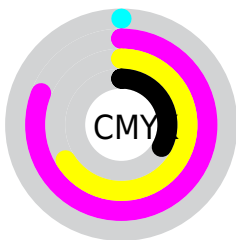
Distribution



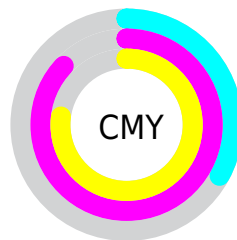
- Red (67%)
- Green (13%)
- Blue (23%)



- Red (67%)
- Yellow (13%)
- Blue (23%)



- Cyan (0%)
- Magenta (81%)
- Yellow (66%)
- Black (33%)



- Cyan (33%)
- Magenta (87%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA213A 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 AA213A by changing the saturation by 10% instead.

■ AA213A

■ AA213A

FFFFFF

■ 8C0025

■ E75C69

■ 6E0010

■ FF7882

■ 510000

■ FF939C

■ 360002

■ FFAFB7

■ 050000

■ FFCCD2

■ 000000

■ FFE9EF

■ AA213A

■ AA213A

■ AA102C

■ AA3248

■ AA001F

■ AA4356

■ AA5464

■ AA6572

■ AA767F

■ AA878D

■ AA989B

■ AAA9A9

■ AABAB7

Harmonies

Analogous

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



A51E69



AA213A



993B09

Triad

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



AA213A



006914



0063B8

Complementary

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



AA213A



21AA91

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.



006BA3



AA213A



006C48

Square

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



AA213A



4D6000



006D7A



2E53B3

Rectangle

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



AA213A



844B00



006D7A



0066B3

Sweetspot

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



AA213A



DEA9B2



9121AA



705056



F0F0F0



707070

Same Dimension

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



AA213A



DE072E



AA4C21



544C4D



94001B



140004

Inverse Universe

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



AA213A



DE072E



217FAA



544C4D



94001B



140004

Previews

White Background



This preview shows how the Hex color AA213A looks on a white background.

Color Contrast Check

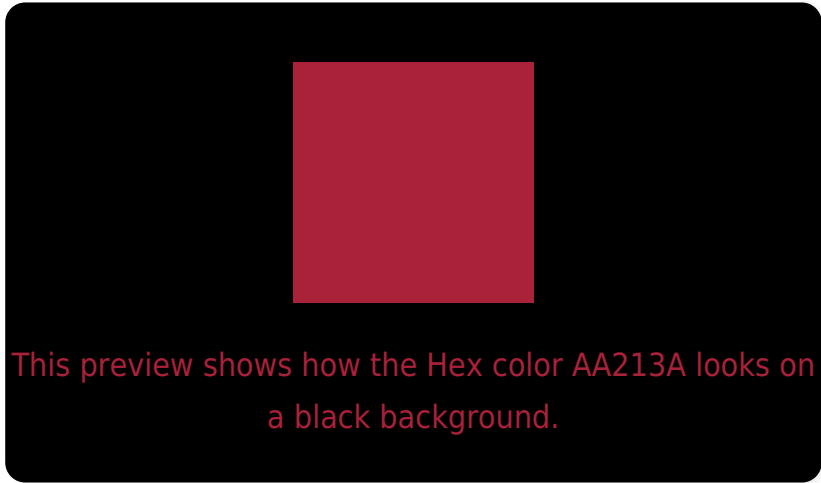
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA213A Background



This preview shows how black text looks on a background with the Hex color AA213A.

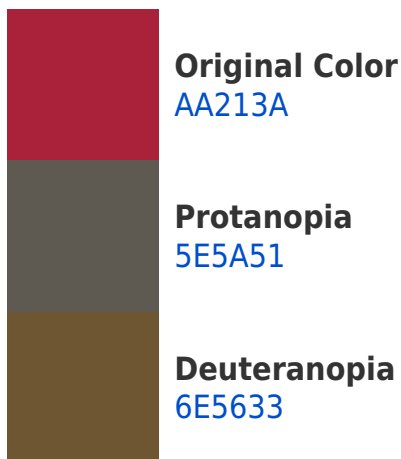


This preview shows how white text looks on a background with the Hex color AA213A.

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



Trichromacy



Original Color
AA213A

Protanomaly
7A4549

Deuteranomaly
844336

Tritanomaly
A9242D

Monochromacy



Original Color
AA213A

Achromatopsia
4D4D4D

Achromatomaly
6F3D46

CSS Examples

Text

The CSS property to change the color of the text to Hex AA213A 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 #AA213A looks like.

```
.text, #text, p{  
    color:#AA213A  
}
```

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 #AA213A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA213A
}
```

Border

The CSS property to change the border of an element to Hex AA213A is called "border". The border property can be set on classes, ids or directly on the HTML element.

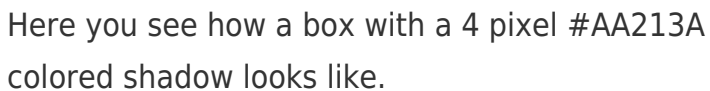
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA213A }
```

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

```
.border{ border-color:#AA213A }
```

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



Here you see how a box with a 4 pixel #AA213A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA213A; -webkit-box-shadow:4px 4px  
4px 4px #AA213A; box-shadow:4px 4px 4px  
4px #AA213A }
```

Background

The CSS property to change the background color of an element to Hex AA213A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA213A }
```

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

```
.background{ background-color:#AA213A }
```

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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