

Converting Colors

Hex(AA1A32)

Have a look what the booklet for
Hex(AA1A32) contains.

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Color

Hex(AA1A32)

Conversions

Conversions Part 1

Format	Color
Hex	AA1A32
RGB	170, 26, 50
RGB Percent	67%, 10%, 20%
CMY	0.3333, 0.8980, 0.8039
CMYK	0.00, 0.85, 0.71, 0.33
HSL	350°, 73%, 38%
HSV	350°, 85%, 67%
XYZ	17.5227, 9.5151, 3.9307
YIQ	71.7920, 78.1200, 37.9920

Conversions

Conversions Part 2

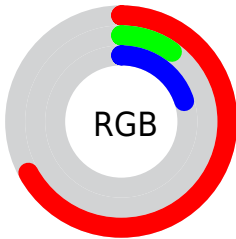
Format	Color
R _Y B	170, 26, 50
Decimal	11147826
CIE Lab	36.96, 56.30, 25.21
CIE LCh	37, 61.690, 24.117
Yxy	9.5151, 0.5658, 0.3073
Android (android.graphics.Color)	4289337906 (0xFFAA1A32)
YUV	71.7920, -10.7435, 86.1284
Hunter-Lab	30.8466, 47.4170, 14.0375

Details

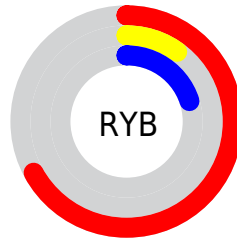
The Hex color **AA1A32** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **1AAA92**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **E5860**, and **6E0005** is the 20% darker color. If you saturate the color by 10%, you get **AA0924**, and if you desaturate by 10%, it is **AA2B40**.

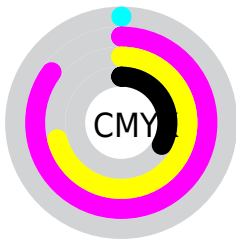
Distribution



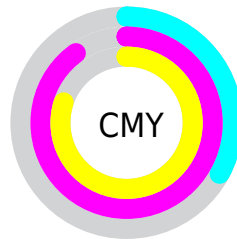
- Red (67%)
- Green (10%)
- Blue (20%)



- Red (67%)
- Yellow (10%)
- Blue (20%)



- Cyan (0%)
- Magenta (85%)
- Yellow (71%)
- Black (33%)



- Cyan (33%)
- Magenta (90%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA1A32 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 AA1A32 by changing the saturation by 10% instead.

■ AA1A32

■ AA1A32

FFFFFF

■ 8C001D

■ E85860

■ 6E0005

■ FF7379

■ 500000

■ FF8F93

■ 340002

■ FFACAD

■ 000000

■ FFC8C8

■ FFE5E5

■ AA1A32

■ AA1A32

■ AA0924

■ AA2B40

■ AA001C

■ AA3C4E

■ AA4D5D

■ AA5E6B

■ AA6F79

■ AA8087

■ AA9195

■ AAA2A3

■ AAB3B1

Harmonies

Analogous

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



A80F63



AA1A32



963A00

Triad

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



AA1A32



006814



0060BB

Complementary

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



AA1A32



1AAA92

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.



0069A8



AA1A32



006B4B

Square

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



AA1A32



446000



006C7E



364EB3

Rectangle

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



AA1A32



804B00



006C7E



0064B7

Sweetspot

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



AA1A32



DEA6B0



921AAA



704F54



F0F0F0



707070

Same Dimension

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



AA1A32



DE0025



AA4A1A



544C4D



940019



140003

Inverse Universe

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



AA1A32



DE0025



1A7AAA



544C4D



940019



140003

Previews

White Background



This preview shows how the Hex color AA1A32 looks on a white background.

Color Contrast Check

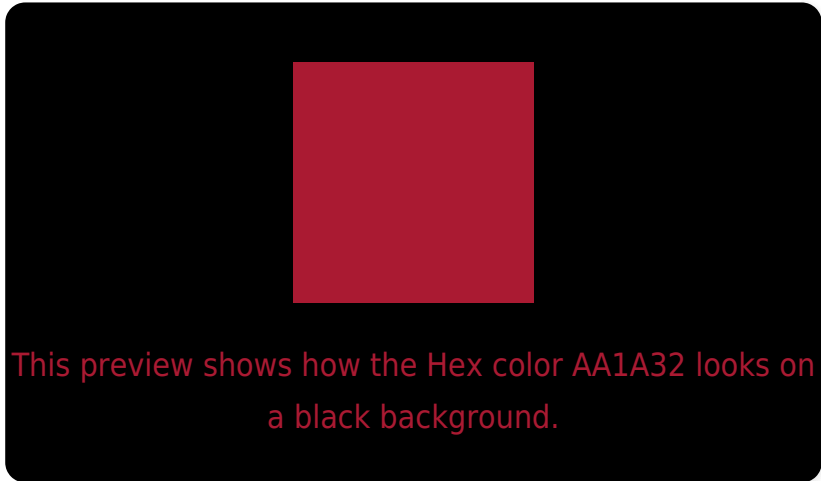
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA1A32 Background



This preview shows how black text looks on a background with the Hex color AA1A32.



This preview shows how white text looks on a background with the Hex color AA1A32.

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
AA1A32

Protanopia
5E5848

Deuteranopia
6D542A



Tritanopia
A91F1E

Trichromacy



Original Color
AA1A32

Protanomaly
7A4140

Deuteranomaly
833F2D

Tritanomaly
A91D25

Monochromacy



Original Color
AA1A32

Achromatopsia
484848

Achromatomaly
6C3740

CSS Examples

Text

The CSS property to change the color of the text to Hex AA1A32 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 #AA1A32 looks like.

```
.text, #text, p{  
    color:#AA1A32  
}
```

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 #AA1A32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA1A32
}
```

Border

The CSS property to change the border of an element to Hex AA1A32 is called "border". The border property can be set on classes, ids or directly on the HTML element.

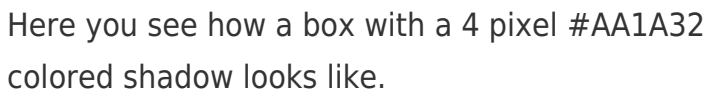
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA1A32 }
```

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

```
.border{ border-color:#AA1A32 }
```

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



Here you see how a box with a 4 pixel `#AA1A32` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA1A32; -webkit-box-shadow:4px 4px  
4px 4px #AA1A32; box-shadow:4px 4px 4px  
4px #AA1A32 }
```

Background

The CSS property to change the background color of an element to Hex AA1A32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA1A32 }
```

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

```
.background{ background-color:#AA1A32 }
```

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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