

Converting Colors

Hex(AB2A44)

Have a look what the booklet for
Hex(AB2A44) contains.

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Color

Hex(AB2A44)

Conversions

Conversions Part 1

Format	Color
Hex	AB2A44
RGB	171, 42, 68
RGB Percent	67%, 16%, 27%
CMY	0.3294, 0.8353, 0.7333
CMYK	0.00, 0.75, 0.60, 0.33
HSL	348°, 61%, 42%
HSV	348°, 75%, 67%
XYZ	18.6659, 10.7312, 6.5564
YIQ	83.5350, 68.5380, 35.4340

Conversions

Conversions Part 2

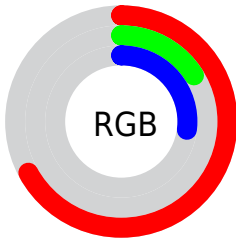
Format	Color
R_{YB}	171, 42, 68
Decimal	11217476
CIE _{Lab}	39.12, 53.03, 16.65
CIE _{LCh}	39, 55.579, 17.433
Yxy	10.7312, 0.5192, 0.2985
Android (android.graphics.Color)	4289407556 (0xFFAB2A44)
YUV	83.5350, -7.6588, 76.7068
Hunter-Lab	32.7585, 44.3826, 11.0645

Details

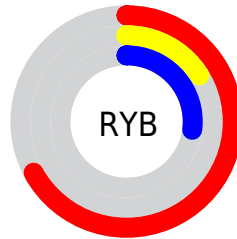
The Hex color **AB2A44** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **2AAB91**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **E86274**, and **70001A** is the 20% darker color. If you saturate the color by 10%, you get **AB1936**, and if you desaturate by 10%, it is **AB3B52**.

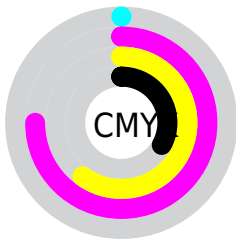
Distribution



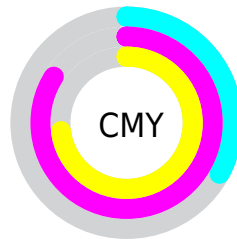
- Red (67%)
- Green (16%)
- Blue (27%)



- Red (67%)
- Yellow (16%)
- Blue (27%)



- Cyan (0%)
- Magenta (75%)
- Yellow (60%)
- Black (33%)



- Cyan (33%)
- Magenta (84%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB2A44 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 AB2A44 by changing the saturation by 10% instead.

 AB2A44

 AB2A44

FFFFFF

 8D002E

 E86274

 70001A

 FF7E8D

 540000

 FF9AA8

 390002

 FFB6C3

 0F0000

 FFD2DF

 000000

 FFF0FB

 AB2A44

 AB2A44

 AB1936

 AB3B52

 AB0829

 AB4C5F

 AB0022

 AB5D6D

 AB6E7B

 AB7F88

 AB9196

 ABA2A4

 ABB3B1

 ABC4BF

Harmonies

Analogous

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



A32C71



AB2A44



9D3E19

Triad

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



AB2A44



196B17



0067B5

Complementary

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



AB2A44



2AAB91

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.



006E9E



AB2A44



006F47

Square

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



AB2A44



576200



007076



2658B3

Rectangle

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



AB2A44



8B4D00



007076



006AB0

Sweetspot

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



AB2A44



DEABB5



8F2AAB



705157



F0F0F0



707070

Same Dimension

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



AB2A44



DE143D



AB4F2A



574E50



96001E



170005

Inverse Universe

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



AB2A44



DE143D



2A86AB



574E50



96001E



170005

Previews

White Background



This preview shows how the Hex color AB2A44 looks on a white background.

Color Contrast Check

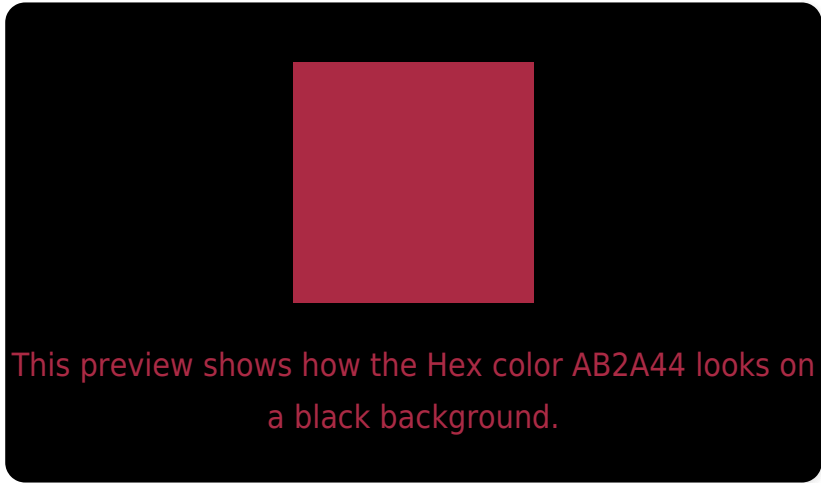
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB2A44 Background



This preview shows how black text looks on a background with the Hex color AB2A44.



This preview shows how white text looks on a background with the Hex color AB2A44.

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
AB2A44

Protanopia
5F5D5B

Deuteranopia
70593E

Trichromacy



Original Color
AB2A44

Protanomaly
7B4A53

Deuteranomaly
854840

Tritanomaly
AA2D37

Monochromacy



Original Color
AB2A44

Achromatopsia
545454

Achromatomaly
74454E

CSS Examples

Text

The CSS property to change the color of the text to Hex AB2A44 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 #AB2A44 looks like.

```
.text, #text, p{  
    color:#AB2A44  
}
```

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 #AB2A44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB2A44
}
```

Border

The CSS property to change the border of an element to Hex AB2A44 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
#AB2A44 }
```

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

```
.border{ border-color:#AB2A44 }
```

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

Here you see how a box with a 4 pixel #AB2A44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB2A44; -webkit-box-shadow:4px 4px  
4px 4px #AB2A44; box-shadow:4px 4px 4px  
4px #AB2A44 }
```

Background

The CSS property to change the background color of an element to Hex AB2A44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB2A44 }
```

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

```
.background{ background-color:#AB2A44 }
```

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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