

# Converting Colors

Hex(AB122B)

Have a look what the booklet for  
Hex(AB122B) contains.

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# Color

**Hex(AB122B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB122B
RGB	171, 18, 43
RGB Percent	67%, 7%, 17%
CMY	0.3294, 0.9294, 0.8314
CMYK	0.00, 0.89, 0.75, 0.33
HSL	350°, 81%, 37%
HSV	350°, 89%, 67%
XYZ	17.4469, 9.2650, 3.1543
YIQ	66.5970, 83.1630, 40.2110

# Conversions

## Conversions Part 2

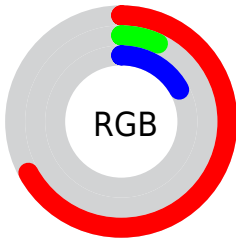
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 18, 43
Decimal	11211307
CIELab	36.49, 57.91, 29.07
CIElCh	36, 64.801, 26.659
Yxy	9.2650, 0.5842, 0.3102
Android (android.graphics.Color)	4289401387 (0xFFAB122B)
YUV	66.5970, -11.6333, 91.5614
Hunter-Lab	30.4384, 49.0470, 15.1628

# Details

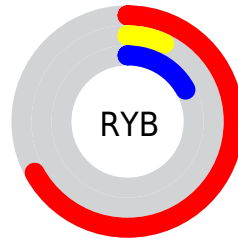
The Hex color **AB122B** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **12AB92**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **E95458**, and **6E0000** is the 20% darker color. If you saturate the color by 10%, you get **AB011D**, and if you desaturate by 10%, it is **AB2339**.

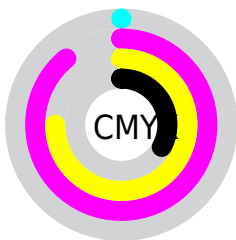
# Distribution



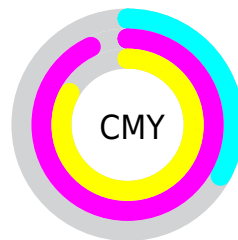
- Red (67%)
- Green (7%)
- Blue (17%)



- Red (67%)
- Yellow (7%)
- Blue (17%)



- Cyan (0%)
- Magenta (89%)
- Yellow (75%)
- Black (33%)



- Cyan (33%)
- Magenta (93%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB122B 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 AB122B by changing the saturation by 10% instead.



 AB122B

 AB122B

FFFFFF

 8C0017

 E95458

 6E0000

 FF7071

 500000

 FF8C8A

 340002

 FFA8A5

 000000

 FFC5C0

 FFE2DC

 FFFFF8

 AB122B

 AB122B

■ AB011D

■ AB2339

■ AB001C

■ AB3448

■ AB4556

■ AB5664

■ AB6773

■ AB7981

■ AB8A8F

■ AB9B9D

■ ABACAC

# Harmonies

## Analogous

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



AB005E



AB122B



943A00

# Triad

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



AB122B



006814



005FBF

# Complementary

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



AB122B



12AB92

# 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.



0069AD



AB122B



006B4E

# Square

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



AB122B



3C6000



006B84



3C4BB4

# Rectangle

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



AB122B



7D4B00



006B84



0063BD



# Sweetspot

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



AB122B



DEA2AC



9212AB



704C52



F0F0F0



707070



# Same Dimension

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



AB122B



DE0024



AB4512



574E4F



960019



170004



# Inverse Universe

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



AB122B



DE0024



1278AB



574E4F



960019



170004



# Previews

## White Background



This preview shows how the Hex color AB122B looks on a white background.

## Color Contrast Check

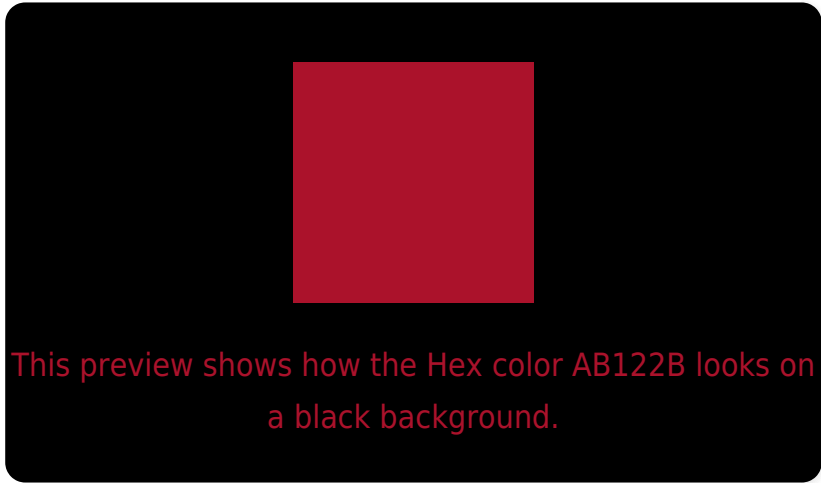
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB122B Background



This preview shows how black text looks on a background with the Hex color AB122B.



This preview shows how white text looks on a background with the Hex color AB122B.

# 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**  
AB122B

**Protanopia**  
5E5840

**Deuteranopia**  
6D5322



# Trichromacy



**Original Color**  
AB122B

**Protanomaly**  
7A3F38

**Deuteranomaly**  
843B25

**Tritanomaly**  
AB161D

# Monochromacy



**Original Color**  
AB122B

**Achromatopsia**  
434343

**Achromatomaly**  
69313A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB122B 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 #AB122B looks like.

```
.text, #text, p{  
    color:#AB122B  
}
```

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 #AB122B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB122B }  
}
```

## Border

The CSS property to change the border of an element to Hex AB122B is called "border". The border property can be set on classes, ids or directly on the HTML element.

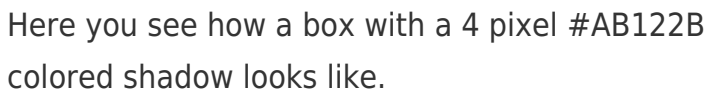
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #AB122B }  
}
```

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

```
.border{ border-color:#AB122B }
```

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



Here you see how a box with a 4 pixel #AB122B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB122B; -webkit-box-shadow:4px 4px  
4px 4px #AB122B; box-shadow:4px 4px 4px  
4px #AB122B }
```

# Background

The CSS property to change the background color of an element to Hex AB122B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB122B }
```

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

```
.background{ background-color:#AB122B }
```

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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