

Converting Colors

Hex(AB0100)

Have a look what the booklet for
Hex(AB0100) contains.

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Color

Hex(AB0100)

Conversions

Conversions Part 1

Format	Color
Hex	AB0100
RGB	171, 1, 0
RGB Percent	67%, 0%, 0%
CMY	0.3294, 0.9961, 1.0000
CMYK	0.00, 0.99, 1.00, 0.33
HSL	0°, 100%, 34%
HSV	0°, 100%, 67%
XYZ	16.8054, 8.6796, 0.7896
YIQ	51.7160, 101.6410, 35.7290

Conversions

Conversions Part 2

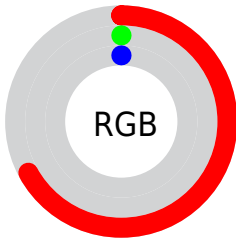
Format	Color
RYB	171, 1, 0
Decimal	11206912
CIELab	35.36, 59.25, 49.67
CIElCh	35, 77.320, 39.972
Yxy	8.6796, 0.6396, 0.3303
Android (android.graphics.Color)	4289396992 (0xFFAB0100)
YUV	51.7160, -25.4960, 104.6121
Hunter-Lab	29.4612, 50.2639, 19.0338

Details

The Hex color **AB0100** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00AAAB**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **EB4E31**, and **6C0000** is the 20% darker color. If you saturate the color by 10%, you get **AB0100**, and if you desaturate by 10%, it is **AB1211**.

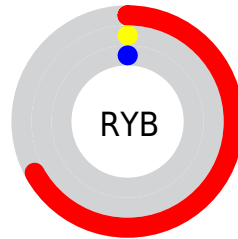
Distribution



Red (67%)

Green (0%)

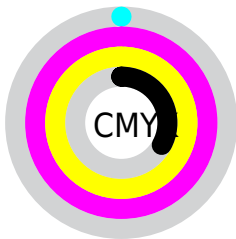
Blue (0%)



Red (67%)

Yellow (0%)

Blue (0%)

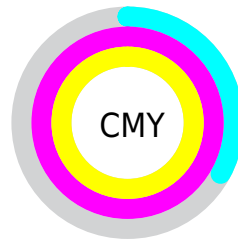


Cyan (0%)

Magenta (99%)

Yellow (100%)

Black (33%)



Cyan (33%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB0100 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 AB0100 by changing the saturation by 10% instead.

 AB0100

 AB0100

 FFFFE8

 8C0000

 EB4E31

 6C0000

 FF6A49

 4E0001

 FF8661

 310002

 FFA27B

 000000

 FFBF95

 FFDCB0

 FFFACC

 AB0100

 AB1211

 AB2322

 AB3433

 AB4544

 AB5655

 AB6767

 AB7878

 AB8989

 AB9A9A

Harmonies

Analogous

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



B90042



AB0100



874000

Triad

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



AB0100



006925



0056D0

Complementary

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



AB0100



00AAAB

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.



0066CA



AB0100



006B67

Square

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



AB0100



006300



006BA3



6834B4

Rectangle

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



AB0100



665100



006BA3



005DD2

Sweetspot

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



AB0100



DE9C9B



AB00AB



704848



F0F0F0



707070

Same Dimension

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



AB0100



DE0100



AB5500



574E4E



960100



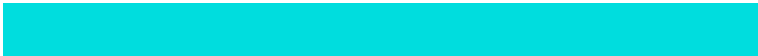
170000

Inverse Universe

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



00AAAB



00DDDE



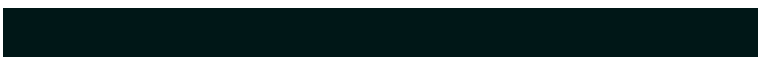
0055AB



4E5757



009696



001717

Previews

White Background



This preview shows how the Hex color AB0100 looks on a white background.

Color Contrast Check

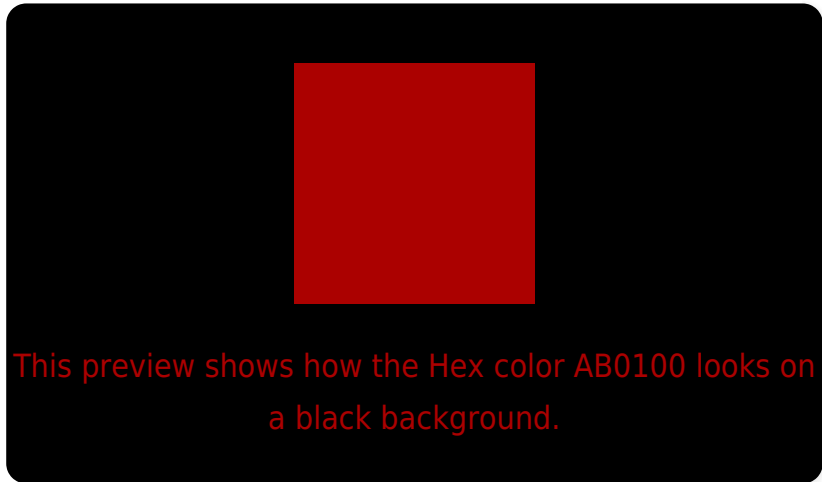
Large Text (above 18pt) WCAG AA ✓ Pass

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

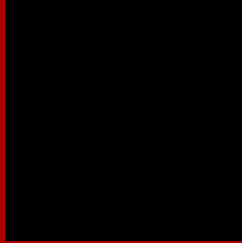
Any Text WCAG AA × Fail

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 AB0100 Background



This preview shows how black text looks on a background with the Hex color AB0100.



This preview shows how white text looks on a background with the Hex color AB0100.

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

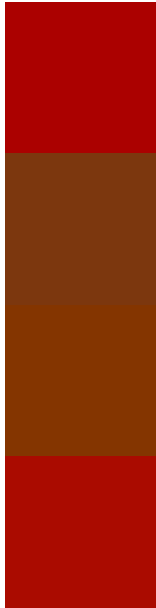


Original Color
AB0100

Protanopia
615616

Deuteranopia
6D5200

Trichromacy



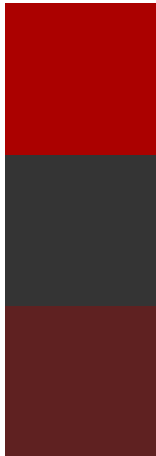
Original Color
AB0100

Protanomaly
7C370E

Deuteranomaly
843500

Tritanomaly
AA0B00

Monochromacy



Original Color
AB0100

Achromatopsia
343434

Achromatomaly
5F2121

CSS Examples

Text

The CSS property to change the color of the text to Hex AB0100 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 #AB0100 looks like.

```
.text, #text, p{  
    color:#AB0100  
}
```

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 #AB0100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB0100
}
```

Border

The CSS property to change the border of an element to Hex AB0100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

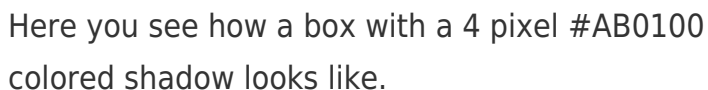
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB0100 }
```

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

```
.border{ border-color:#AB0100 }
```

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



Here you see how a box with a 4 pixel #AB0100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB0100; -webkit-box-shadow:4px 4px  
4px 4px #AB0100; box-shadow:4px 4px 4px  
4px #AB0100 }
```

Background

The CSS property to change the background color of an element to Hex AB0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB0100 }
```

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

```
.background{ background-color:#AB0100 }
```

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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