

# Converting Colors

Hex(AB0300)

Have a look what the booklet for  
Hex(AB0300) contains.

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**Color**

**Hex(AB0300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB0300
RGB	171, 3, 0
RGB Percent	67%, 1%, 0%
CMY	0.3294, 0.9882, 1.0000
CMYK	0.00, 0.98, 1.00, 0.33
HSL	1°, 100%, 34%
HSV	1°, 100%, 67%
XYZ	16.8271, 8.7231, 0.7968
YIQ	52.8900, 101.0910, 34.6830

# Conversions

## Conversions Part 2

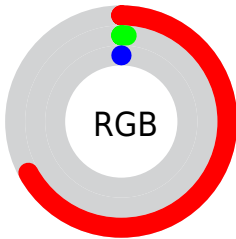
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 3, 0
Decimal	11207424
CIE <sub>Lab</sub>	35.45, 59.01, 49.72
CIE <sub>LCh</sub>	35, 77.159, 40.115
Yxy	8.7231, 0.6387, 0.3311
Android (android.graphics.Color)	4289397504 (0xFFAB0300)
YUV	52.8900, -26.0748, 103.5825
Hunter-Lab	29.5348, 50.0126, 19.0748

# Details

The Hex color **AB0300** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00A8AB**, and the grayscale version is **353535**.

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 **AB0300**, and if you desaturate by 10%, it is **AB1411**.

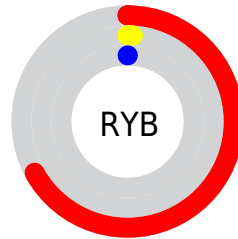
# Distribution



Red (67%)

Green (1%)

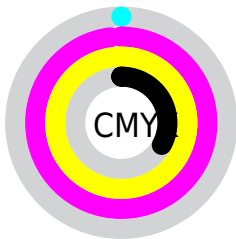
Blue (0%)



Red (67%)

Yellow (1%)

Blue (0%)

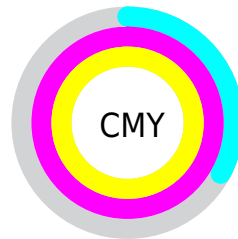


Cyan (0%)

Magenta (98%)

Yellow (100%)

Black (33%)



Cyan (33%)

Magenta (99%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB0300 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 AB0300 by changing the saturation by 10% instead.



 AB0300

 AB0300

 FFFFE8

 8C0000

 EB4E31

 6C0000

 FF6A49

 4E0001

 FF8761

 320002

 FFA37B

 000000

 FFBF95

 FFDDB0

 FFFACC

 AB0300

 AB1411

 AB2522

 AB3533

 AB4644

 AB5755

 AB6867

 AB7978

 AB8989

 AB9A9A

# Harmonies

## Analogous

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



B90042



AB0300



874000

# Triad

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



AB0300



006925



0056D0

# Complementary

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



AB0300



00A8AB

# 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



AB0300



006B68

# Square

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



AB0300



006400



006BA3



6934B4

# Rectangle

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



AB0300



665200



006BA3



005DD2



# Sweetspot

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



AB0300



DE9C9B



AB00A8



704948



F0F0F0



707070



# Same Dimension

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



AB0300



DE0400



AB5800



574E4E



960300



170000



# Inverse Universe

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



00A8AB



00DADE



0053AB



4E5757



009496



001717



# Previews

## White Background



This preview shows how the Hex color AB0300 looks on a white background.

## Color Contrast Check

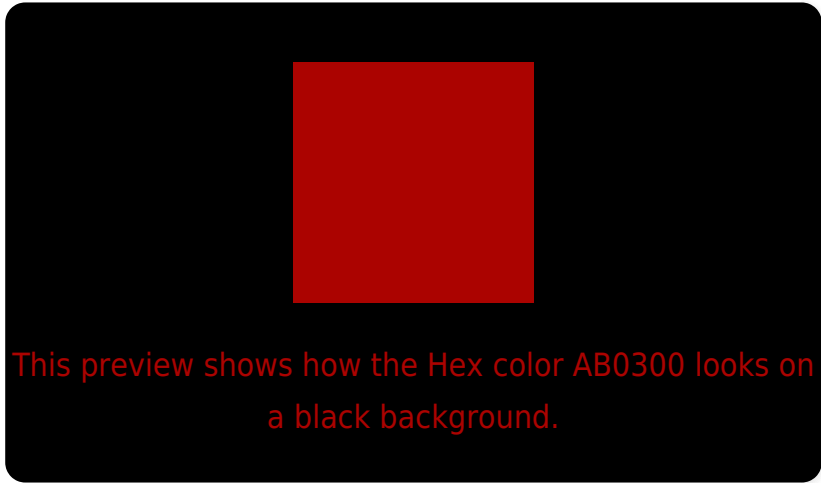
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB0300 Background



This preview shows how black text looks on a background with the Hex color AB0300.



This preview shows how white text looks on a background with the Hex color AB0300.

# 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



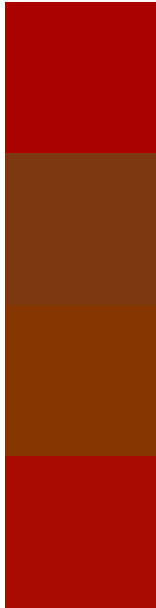
**Original Color**  
AB0300

**Protanopia**  
615616

**Deuteranopia**  
6D5200



# Trichromacy



**Original Color**  
AB0300

**Protanomaly**  
7C380E

**Deuteranomaly**  
843500

**Tritanomaly**  
AA0B00

# Monochromacy



**Original Color**  
AB0300

**Achromatopsia**  
353535

**Achromatomaly**  
602322

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB0300 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 #AB0300 looks like.

```
.text, #text, p{  
    color:#AB0300  
}
```

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 #AB0300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB0300
}
```

## Border

The CSS property to change the border of an element to Hex AB0300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

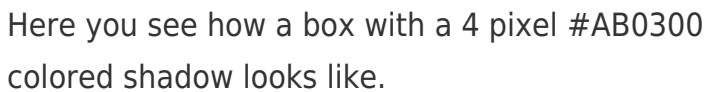
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB0300 }
```

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

```
.border{ border-color:#AB0300 }
```

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



Here you see how a box with a 4 pixel #AB0300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB0300; -webkit-box-shadow:4px 4px  
4px 4px #AB0300; box-shadow:4px 4px 4px  
4px #AB0300 }
```

# Background

The CSS property to change the background color of an element to Hex AB0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB0300 }
```

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

```
.background{ background-color:#AB0300 }
```

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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