

# Converting Colors

Hex(AB3C00)

Have a look what the booklet for  
Hex(AB3C00) contains.

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**Color**

**Hex(AB3C00)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>             |
|---------------|--------------------------|
| Hex           | AB3C00                   |
| RGB           | 171, 60, 0               |
| RGB Percent   | 67%, 24%, 0%             |
| CMY           | 0.3294, 0.7647, 1.0000   |
| CMYK          | 0.00, 0.65, 1.00, 0.33   |
| HSL           | 21°, 100%, 34%           |
| HSV           | 21°, 100%, 67%           |
| XYZ           | 18.4104, 11.8896, 1.3246 |
| YIQ           | 86.3490, 85.4160, 4.8720 |

# Conversions

## Conversions Part 2

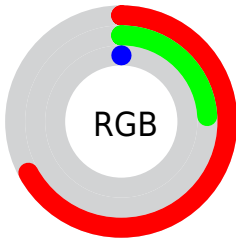
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 171, 92, 0                    |
| Decimal                             | 11222016                      |
| CIE <sub>Lab</sub>                  | 41.04, 43.44, 52.35           |
| CIE <sub>LCh</sub>                  | 41, 68.021, 50.316            |
| Yxy                                 | 11.8896, 0.5822,<br>0.3760    |
| Android<br>(android.graphics.Color) | 4289412096<br>(0xFFAB3C00)    |
| YUV                                 | 86.3490, -42.5701,<br>74.2389 |
| Hunter-Lab                          | 34.4814, 34.9631,<br>21.8593  |

# Details

The Hex color **AB3C00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **006FAB**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **EA7037**, and **6E0000** is the 20% darker color. If you saturate the color by 10%, you get **AB3C00**, and if you desaturate by 10%, it is **AB4711**.

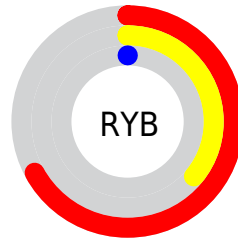
# Distribution



Red (67%)

Green (24%)

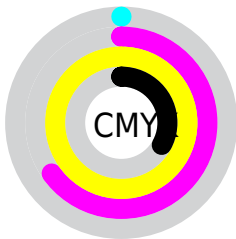
Blue (0%)



Red (67%)

Yellow (36%)

Blue (0%)

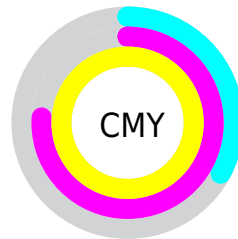


Cyan (0%)

Magenta (65%)

Yellow (100%)

Black (33%)



Cyan (33%)

Magenta (76%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB3C00 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 AB3C00 by changing the saturation by 10% instead.



 AB3C00

 AB3C00

 FFFFF2

 8D2100

 EA7037

 6E0000

 FF8B4F

 510000

 FFA669

 370001

 FFC283

 0C0000

 FFDE9E

 000000

 FFFCB9

 FFFF5D

 AB3C00

 AB4711

 AB5222

 AB5D33

 AB6844

 AB7355

 AB7F67

 AB8A78

 AB9589

 ABA09A

# Harmonies

## Analogous

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



BF133E



AB3C00



855800

# Triad

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



AB3C00



00774C



1A5ACB

# Complementary

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



AB3C00



006FAB

# 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.



006DD0



AB3C00



007886

# Square

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



AB3C00



007309



0076B7



903BA9

# Rectangle

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



AB3C00



656500



0076B7



0062D0



# Sweetspot

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



AB3C00



DEB39B



AB006F



705648



F0F0F0



707070



# Same Dimension

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



AB3C00



DE4E00



AB9100



57514E



963500



170800



# Inverse Universe

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



006FAB



0090DE



001AAB



4E5457



006296



000F17



# Previews

## White Background



This preview shows how the Hex color AB3C00 looks on a white background.

## Color Contrast Check

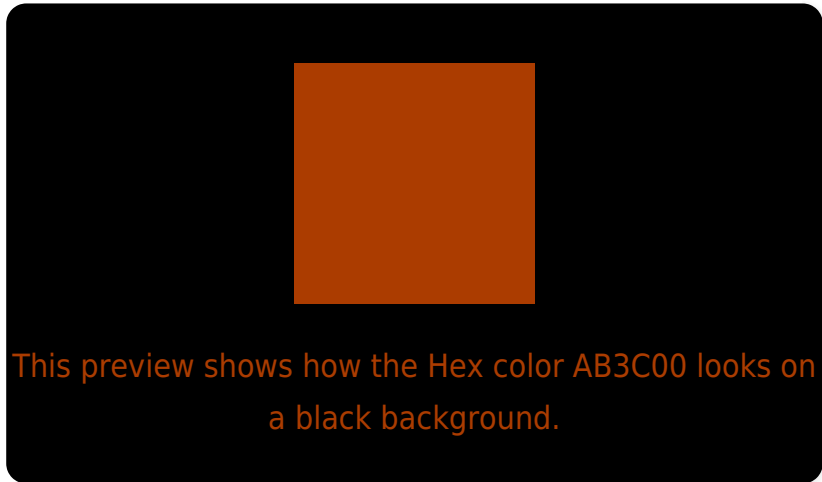
Large Text (above 18pt) WCAG AA ✓ Pass

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

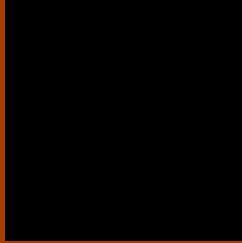
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AB3C00 Background



This preview shows how black text looks on a background with the Hex color AB3C00.



This preview shows how white text looks on a background with the Hex color AB3C00.

# 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



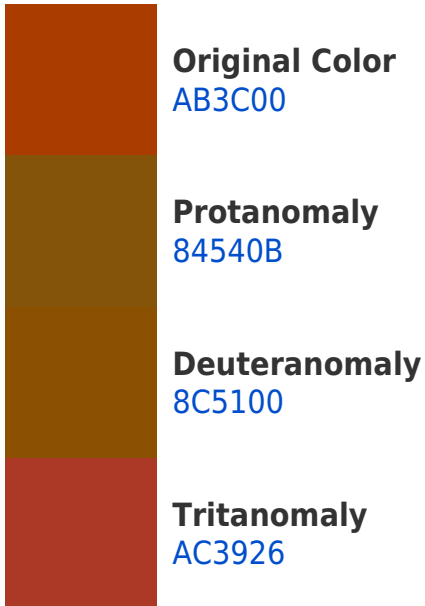
**Original Color**  
AB3C00

**Protanopia**  
6E6212

**Deuteranopia**  
7B5D00



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB3C00 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 #AB3C00 looks like.

```
.text, #text, p{  
    color:#AB3C00  
}
```

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 #AB3C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB3C00
}
```

## Border

The CSS property to change the border of an element to Hex AB3C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

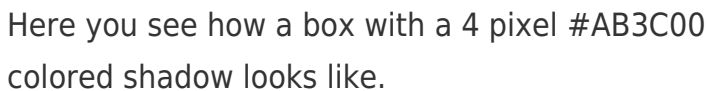
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB3C00 }
```

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

```
.border{ border-color:#AB3C00 }
```

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



Here you see how a box with a 4 pixel `#AB3C00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB3C00; -webkit-box-shadow:4px 4px  
4px 4px #AB3C00; box-shadow:4px 4px 4px  
4px #AB3C00 }
```

# Background

The CSS property to change the background color of an element to Hex AB3C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB3C00 }
```

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

```
.background{ background-color:#AB3C00 }
```

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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