

# Converting Colors

Hex(AB9300)

Have a look what the booklet for  
Hex(AB9300) contains.

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**Color**

**Hex(AB9300)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB9300
RGB	171, 147, 0
RGB Percent	67%, 58%, 0%
CMY	0.3294, 0.4235, 1.0000
CMYK	0.00, 0.14, 1.00, 0.33
HSL	52°, 100%, 34%
HSV	52°, 100%, 67%
XYZ	27.2283, 29.5254, 4.2639
YIQ	137.4180, 61.4910, -40.6290

# Conversions

## Conversions Part 2

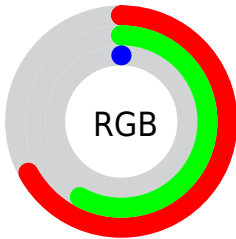
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 171, 0
Decimal	11244288
CIE Lab	61.24, -3.33, 65.26
CIE LCh	61, 65.345, 92.925
Yxy	29.5254, 0.4462, 0.4839
Android (android.graphics.Color)	4289434368 (0xFFAB9300)
YUV	137.4180, -67.7471, 29.4514
Hunter-Lab	54.3372, -5.6441, 33.3835

# Details

The Hex color **AB9300** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0018AB**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **E6C948**, and **726100** is the 20% darker color. If you saturate the color by 10%, you get **AB9300**, and if you desaturate by 10%, it is **AB9511**.

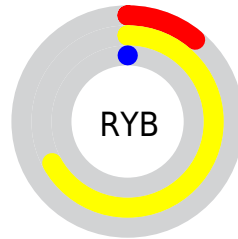
# Distribution



Red (67%)

Green (58%)

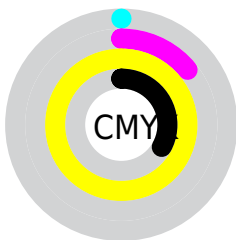
Blue (0%)



Red (11%)

Yellow (67%)

Blue (0%)

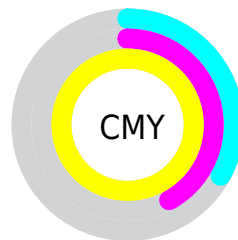


Cyan (0%)

Magenta (14%)

Yellow (100%)

Black (33%)



Cyan (33%)

Magenta (42%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB9300 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 AB9300 by changing the saturation by 10% instead.



 AB9300

 AB9300

FFFFFF

 8E7900

 E6C948

 726100

 FFE564

 564900

 FFFF7F

 3C3300

 FFFF9B

 231F00

 FFFFB7

 000700

 FFFFD3

 000000

 FFFFF1

 AB9300

 AB9511

 AB9822

 AB9A33

 AB9D44

 AB9F55

 ABA167

 ABA478

 ABA689

 ABA99A

# Harmonies

## Analogous

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



D97D27



AB9300



70A227

# Triad

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



AB9300



00AED1



DE68C9

# Complementary

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



AB9300



0018AB

# 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.



9B82F5



AB9300



00A7FA

# Square

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



AB9300



00AF98



0099FF



FA5991

# Rectangle

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



AB9300



35A94A



0099FF



CC70DA



# Sweetspot

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



AB9300



DED59B



AB001A



706B48



F0F0F0



707070



# Same Dimension

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



AB9300



DEBF00



6FAB00



57554E



968100



171400



# Inverse Universe

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



0018AB



001FDE



3C00AB



4E4F57



001596

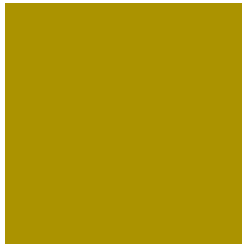


000317



# Previews

## White Background



This preview shows how the Hex color AB9300 looks on a white background.

## Color Contrast Check

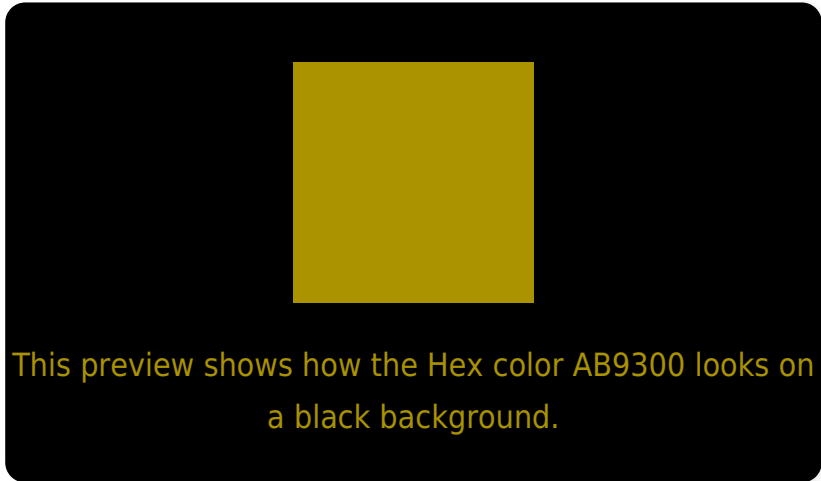
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex AB9300 Background



This preview shows how black text looks on a background with the Hex color AB9300.

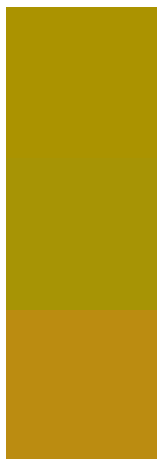


This preview shows how white text looks on a background with the Hex color AB9300.

# 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**  
AB9300

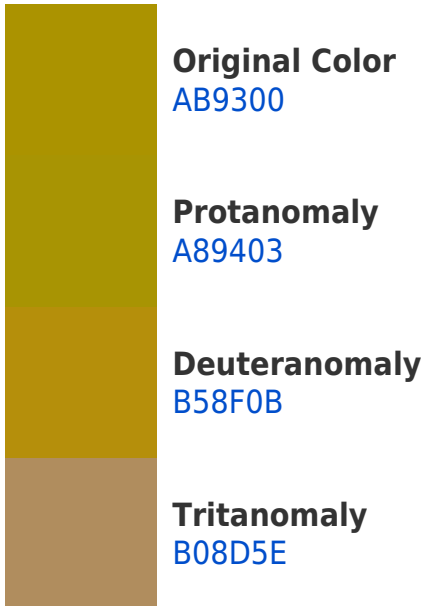
**Protanopia**  
A79405

**Deuteranopia**  
BB8C11

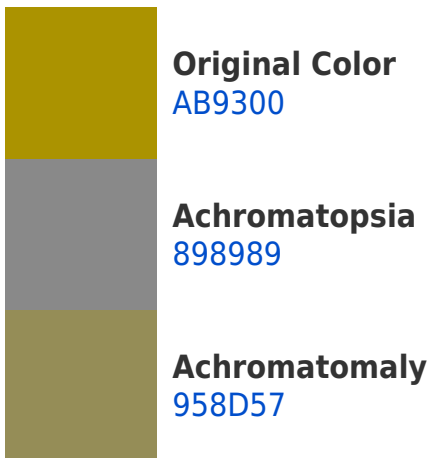


**Tritanopia**  
B38993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB9300 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 #AB9300 looks like.

```
.text, #text, p{  
    color:#AB9300  
}
```

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 #AB9300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB9300
}
```

## Border

The CSS property to change the border of an element to Hex AB9300 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
#AB9300 }
```

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

```
.border{ border-color:#AB9300 }
```

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

Here you see how a box with a 4 pixel #AB9300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB9300; -webkit-box-shadow:4px 4px  
4px 4px #AB9300; box-shadow:4px 4px 4px  
4px #AB9300 }
```

# Background

The CSS property to change the background color of an element to Hex AB9300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB9300 }
```

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

```
.background{ background-color:#AB9300 }
```

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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