

# Converting Colors

Hex(AB7908)

Have a look what the booklet for  
Hex(AB7908) contains.

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**Color**

**Hex(AB7908)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB7908
RGB	171, 121, 8
RGB Percent	67%, 47%, 3%
CMY	0.3294, 0.5255, 0.9686
CMYK	0.00, 0.29, 0.95, 0.33
HSL	42°, 91%, 35%
HSV	42°, 95%, 67%
XYZ	23.6758, 22.3502, 3.2959
YIQ	123.0680, 66.0730, -24.5430

# Conversions

## Conversions Part 2

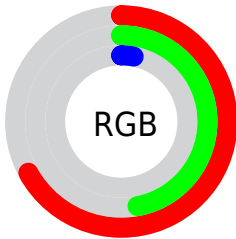
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 171, 8
Decimal	11237640
CIE <sub>Lab</sub>	54.40, 11.17, 59.04
CIE <sub>LCh</sub>	54, 60.089, 79.291
Yxy	22.3502, 0.4800, 0.4531
Android (android.graphics.Color)	4289427720 (0xFFAB7908)
YUV	123.0680, -56.7285, 42.0364
Hunter-Lab	47.2760, 6.6597, 28.9597

# Details

The Hex color **AB7908** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **083AAB**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **E7AD46**, and **724900** is the 20% darker color. If you saturate the color by 10%, you get **AB7700**, and if you desaturate by 10%, it is **AB7E19**.

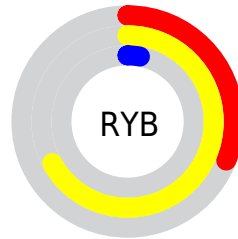
# Distribution



Red (67%)

Green (47%)

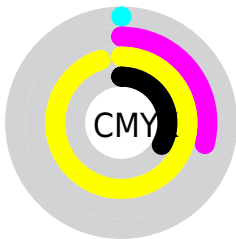
Blue (3%)



Red (31%)

Yellow (67%)

Blue (3%)

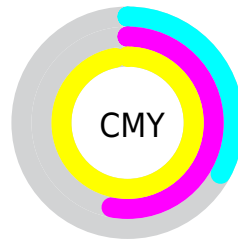


Cyan (0%)

Magenta (29%)

Yellow (95%)

Black (33%)



Cyan (33%)

Magenta (53%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB7908 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 AB7908 by changing the saturation by 10% instead.



 AB7908

 AB7908

FFFFFF

 8E6000

 E7AD46

 724900

 FFC860

 553200

 FFE47B

 3B1D00

 FFFF96

 220700

 FFFFB2

 000000

 FFFFCE

 FFFFEB

 AB7908

 AB7908

■ AB7700

■ AB7E19

■ AB832A

■ AB893B

■ AB8E4C

■ AB935D

■ AB986F

■ AB9E80

■ ABA391

■ ABA8A2

# Harmonies

## Analogous

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



CE6334



AB7908



7C8A0A

# Triad

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



AB7908



009AA3



AE65C7

# Complementary

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



AB7908



083AAB

# 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.



5B7CE5



AB7908



0097D0

# Square

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



AB7908



00996D



008EE8



D65197

# Rectangle

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



AB7908



54912A



008EE8



996DD3



# Sweetspot

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



AB7908



DECA9E



AB083C



706449



F0F0F0



707070



# Same Dimension

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



AB7908



DE9A00



8DAB08



57544E



966800



171000



# Inverse Universe

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



083AAB



0044DE



2608AB



4E5157



002E96

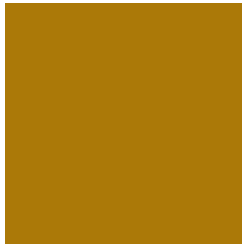


000717



# Previews

## White Background



This preview shows how the Hex color AB7908 looks on a white background.

## Color Contrast Check

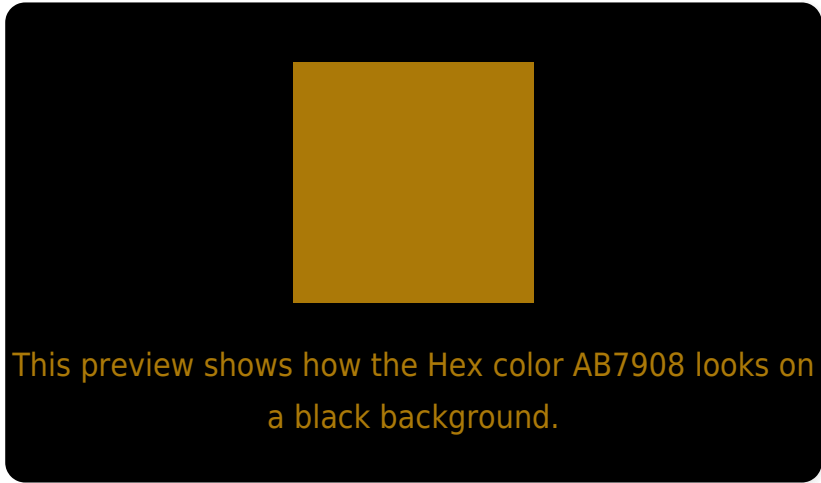
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB7908 Background



This preview shows how black text looks on a background with the Hex color AB7908.



This preview shows how white text looks on a background with the Hex color AB7908.

# 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**  
AB7908

**Protanopia**  
93830D

**Deuteranopia**  
A57C00

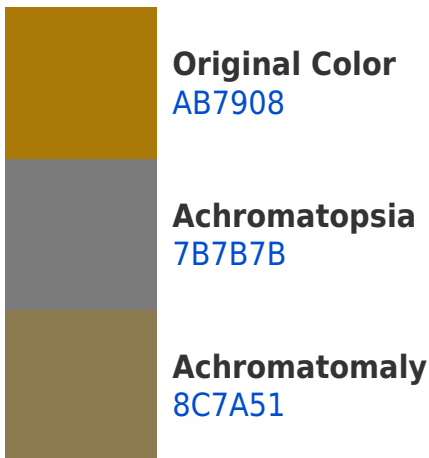


**Tritanopia**  
B07079

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB7908 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 #AB7908 looks like.

```
.text, #text, p{  
    color:#AB7908  
}
```

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 #AB7908 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB7908
}
```

## Border

The CSS property to change the border of an element to Hex AB7908 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
#AB7908 }
```

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

```
.border{ border-color:#AB7908 }
```

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

Here you see how a box with a 4 pixel #AB7908 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB7908; -webkit-box-shadow:4px 4px  
4px 4px #AB7908; box-shadow:4px 4px 4px  
4px #AB7908 }
```

# Background

The CSS property to change the background color of an element to Hex AB7908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB7908 }
```

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

```
.background{ background-color:#AB7908 }
```

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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