

# Converting Colors

Hex(AB9E22)

Have a look what the booklet for  
Hex(AB9E22) contains.

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# **Color**

**Hex(AB9E22)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB9E22
RGB	171, 158, 34
RGB Percent	67%, 62%, 13%
CMY	0.3294, 0.3804, 0.8667
CMYK	0.00, 0.08, 0.80, 0.33
HSL	54°, 67%, 40%
HSV	54°, 80%, 67%
XYZ	29.3102, 33.2271, 6.3820
YIQ	147.7510, 47.5520, -35.8080

# Conversions

## Conversions Part 2

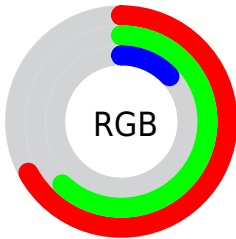
Format	Color
<a href="#">RYB</a>	<a href="#">48, 171, 34</a>
Decimal	<a href="#">11247138</a>
CIELab	<a href="#">64.34, -8.51, 60.84</a>
CIElCh	<a href="#">64, 61.427, 97.962</a>
Yxy	<a href="#">33.2271, 0.4253, 0.4821</a>
Android (android.graphics.Color)	<a href="#">4289437218</a> ( <a href="#">0xFFAB9E22</a> )
YUV	<a href="#">147.7510, -56.0792, 20.3894</a>
Hunter-Lab	<a href="#">57.6430, -10.1119, 33.7857</a>

# Details

The Hex color **AB9E22** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **222FAB**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **E6D45A**, and **736B00** is the 20% darker color. If you saturate the color by 10%, you get **AB9C11**, and if you desaturate by 10%, it is **ABA033**.

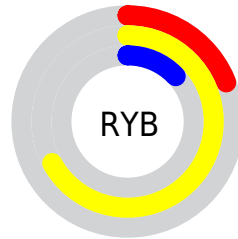
# Distribution



Red (67%)

Green (62%)

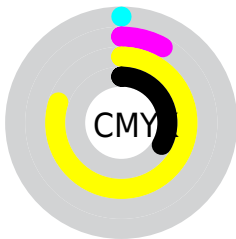
Blue (13%)



Red (19%)

Yellow (67%)

Blue (13%)

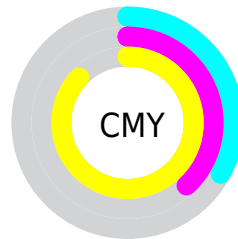


Cyan (0%)

Magenta (8%)

Yellow (80%)

Black (33%)



Cyan (33%)

Magenta (38%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB9E22 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 AB9E22 by changing the saturation by 10% instead.





AB9E22



AB9E22

FFFFFF



8F8400



E6D45A



736B00



FFF175



585300



FFFF91



3D3C00



FFFFAD



242700



FFFFC9



021300



FFFFE6



000000



AB9E22



AB9E22



AB9C11



ABA033

■ AB9B00

■ ABA144

■ ABA355

■ ABA466

■ ABA677

■ ABA889

■ ABA99A

■ ABABAB

■ ABADBC

# Harmonies

## Analogous

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



D98A32



AB9E22



70AC3F

# Triad

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



AB9E22



00B5DE



E971C6

# Complementary

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



AB9E22



222FAB

# 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.



B187F3



AB9E22



00ADFF

# Square

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



AB9E22



00B6AA



419DFF



FF6890

# Rectangle

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



AB9E22



36B15F



419DFF



DB77D7



# Sweetspot

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



AB9E22



DED9A9



AB2230



706D50



F0F0F0



707070



# Same Dimension

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



AB9E22



DECA09



74AB22



57564E



968800



171500



# Inverse Universe

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



222FAB



091DDE



5922AB



4E4F57



000E96



000217



# Previews

## White Background



This preview shows how the Hex color AB9E22 looks on a white background.

## Color Contrast Check

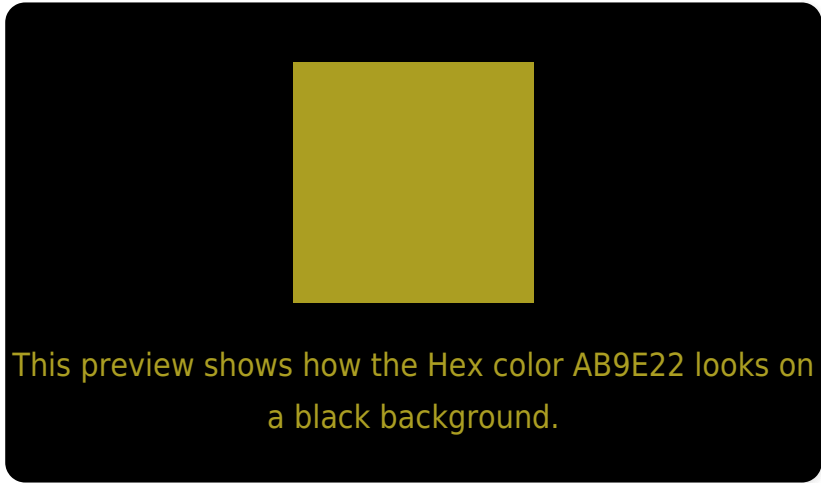
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ✓ Pass

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



## Hex AB9E22 Background



This preview shows how black text looks on a background with the Hex color AB9E22.



This preview shows how white text looks on a background with the Hex color AB9E22.

# 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**  
AB9E22

**Protanopia**  
B09C22

**Deuteranopia**  
C49427



**Tritanopia**  
B4939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB9E22 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 #AB9E22 looks like.

```
.text, #text, p{  
    color:#AB9E22  
}
```

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 #AB9E22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB9E22
}
```

## Border

The CSS property to change the border of an element to Hex AB9E22 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
#AB9E22 }
```

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

```
.border{ border-color:#AB9E22 }
```

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

Here you see how a box with a 4 pixel #AB9E22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB9E22; -webkit-box-shadow:4px 4px  
4px 4px #AB9E22; box-shadow:4px 4px 4px  
4px #AB9E22 }
```

# Background

The CSS property to change the background color of an element to Hex AB9E22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB9E22 }
```

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

```
.background{ background-color:#AB9E22 }
```

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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