

# Converting Colors

Hex(AB4E22)

Have a look what the booklet for  
Hex(AB4E22) contains.

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# Color

Hex(**AB4E22**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB4E22
RGB	171, 78, 34
RGB Percent	67%, 31%, 13%
CMY	0.3294, 0.6941, 0.8667
CMYK	0.00, 0.54, 0.80, 0.33
HSL	19°, 67%, 40%
HSV	19°, 80%, 67%
XYZ	19.8077, 14.2222, 3.2146
YIQ	100.7910, 69.5520, 6.0320

# Conversions

## Conversions Part 2

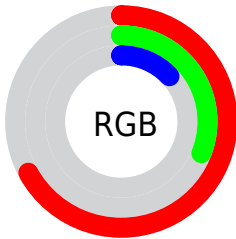
Format	Color
<b>RYB</b>	171, 99, 34
Decimal	11226658
CIELab	44.55, 35.45, 42.58
CIELCh	45, 55.406, 50.224
Yxy	14.2222, 0.5318, 0.3819
Android (android.graphics.Color)	4289416738 (0xFFAB4E22)
YUV	100.7910, -32.9280, 61.5733
Hunter-Lab	37.7123, 27.7573, 21.3448

# Details

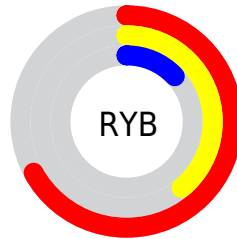
The Hex color **AB4E22** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **227FAB**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **E88152**, and **701C00** is the 20% darker color. If you saturate the color by 10%, you get **AB4211**, and if you desaturate by 10%, it is **AB5A33**.

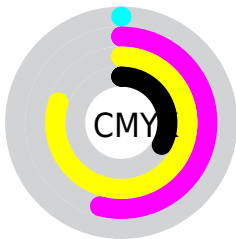
# Distribution



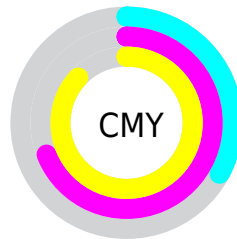
- Red (67%)
- Green (31%)
- Blue (13%)



- Red (67%)
- Yellow (39%)
- Blue (13%)



- Cyan (0%)
- Magenta (54%)
- Yellow (80%)
- Black (33%)



- Cyan (33%)
- Magenta (69%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB4E22 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 AB4E22 by changing the saturation by 10% instead.



 AB4E22

 AB4E22

FFFFFF

 8D3509

 E88152

 701C00

 FF9C6B

 530000

 FFB784

 380000

 FFD39F

 190001

 FFF0BA

 000000

 FFFFD6

 FFFFF3

 AB4E22

 AB4E22

■ AB4211

■ AB5A33

■ AB3700

■ AB6544

■ AB7155

■ AB7C66

■ AB8877

■ AB9489

■ AB9F9A

■ ABABAB

■ ABB6BC

# Harmonies

## Analogous

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



BB3B4C



AB4E22



8B6200

# Triad

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



AB4E22



007D58



4764C1

# Complementary

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



AB4E22



227FAB

# 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.



0073C5



AB4E22



007E88

# Square

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



AB4E22



227929



007CB0



914EA5

# Rectangle

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



AB4E22



706C00



007CB0



006AC5



# Sweetspot

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



AB4E22



DEBAA9



AB2280



705A50



F0F0F0



707070



# Same Dimension

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



AB4E22



DE4D09



AB9222



57514E



963000



170700



# Inverse Universe

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



227FAB



0999DE



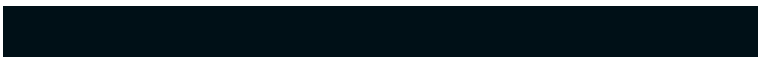
223BAB



4E5457



006696



001017



# Previews

## White Background



This preview shows how the Hex color AB4E22 looks on a white background.

## Color Contrast Check

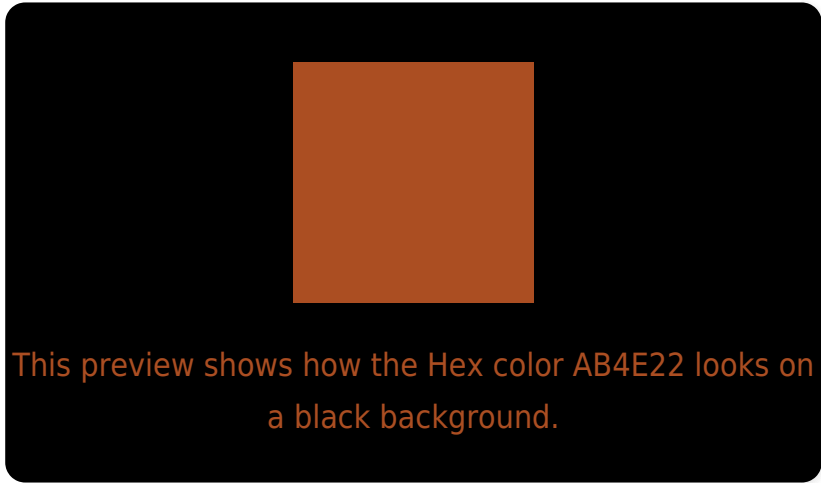
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB4E22 Background



This preview shows how black text looks on a background with the Hex color AB4E22.



This preview shows how white text looks on a background with the Hex color AB4E22.

# 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**  
AB4E22

**Protanopia**  
766A2A

**Deuteranopia**  
85651A



# Trichromacy



**Original Color**  
AB4E22

**Protanomaly**  
896027

**Deuteranomaly**  
935D1D

**Tritanomaly**  
AC4B3E

# Monochromacy



**Original Color**  
AB4E22

**Achromatopsia**  
656565

**Achromatomaly**  
7E5D4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB4E22 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 #AB4E22 looks like.

```
.text, #text, p{  
  color:#AB4E22  
}
```

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 #AB4E22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB4E22
}
```

## Border

The CSS property to change the border of an element to Hex AB4E22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

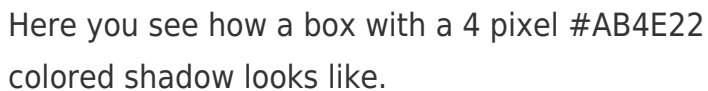
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB4E22 }
```

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

```
.border{ border-color:#AB4E22 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #AB4E22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB4E22; -webkit-box-shadow:4px 4px  
4px 4px #AB4E22; box-shadow:4px 4px 4px  
4px #AB4E22 }
```

# Background

The CSS property to change the background color of an element to Hex AB4E22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB4E22 }
```

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

```
.background{ background-color:#AB4E22 }
```

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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