

# Converting Colors

Hex(AB4B29)

Have a look what the booklet for  
Hex(AB4B29) contains.

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# Color

Hex(**AB4B29**)

# Conversions

## Conversions Part 1

Format	Color
Hex	AB4B29
RGB	171, 75, 41
RGB Percent	67%, 29%, 16%
CMY	0.3294, 0.7059, 0.8392
CMYK	0.00, 0.56, 0.76, 0.33
HSL	16°, 61%, 42%
HSV	16°, 76%, 67%
XYZ	19.7109, 13.8502, 3.7323
YIQ	99.8280, 68.1300, 9.7780

# Conversions

## Conversions Part 2

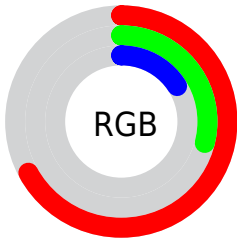
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 87, 41
Decimal	11225897
CIELab	44.02, 37.26, 38.51
CIELCh	44, 53.585, 45.945
Yxy	13.8502, 0.5285, 0.3714
Android (android.graphics.Color)	4289415977 (0xFFAB4B29)
YUV	99.8280, -29.0022, 62.4178
Hunter-Lab	37.2158, 29.4126, 20.1050

# Details

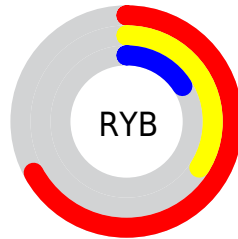
The Hex color **AB4B29** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **2989AB**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **E87E58**, and **701800** is the 20% darker color. If you saturate the color by 10%, you get **AB3E18**, and if you desaturate by 10%, it is **AB583A**.

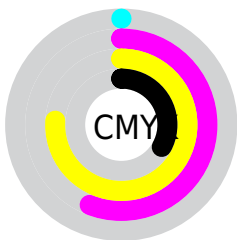
# Distribution



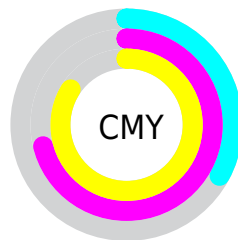
- Red (67%)
- Green (29%)
- Blue (16%)



- Red (67%)
- Yellow (34%)
- Blue (16%)



- Cyan (0%)
- Magenta (56%)
- Yellow (76%)
- Black (33%)



- Cyan (33%)
- Magenta (71%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB4B29 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 AB4B29 by changing the saturation by 10% instead.



 AB4B29

 AB4B29

FFFFFF

 8D3212

 E87E58

 701800

 FF9971

 530000

 FFB48B

 380000

 FFD0A6

 180001

 FFEDC1

 000000

 FFFFDD

 FFFFFA

 AB4B29

 AB4B29

 AB3E18

 AB583A

 AB3207

 AB644B

 AB2D00

 AB715C

 AB7E6D

 AB8A7E

 AB9790

 ABA3A1

 ABB0B2

 ABBDC3

# Harmonies

## Analogous

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



B73B52



AB4B29



8E5E00

# Triad

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



AB4B29



007B51



3765BE

# Complementary

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



AB4B29



2989AB

# 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.



0073BF



AB4B29



007D7F

# Square

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



AB4B29



317624



007AA7



8851A7

# Rectangle

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



AB4B29



756900



007AA7



006BC1



# Sweetspot

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



AB4B29



DEB8AB



AB298A



705951



F0F0F0



707070



# Same Dimension

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



AB4B29



DE4914



AB8A29



57504E



962700



170600



# Inverse Universe

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



2989AB



14A9DE



2949AB



4E5457



006F96



001117



# Previews

## White Background



This preview shows how the Hex color AB4B29 looks on a white background.

## Color Contrast Check

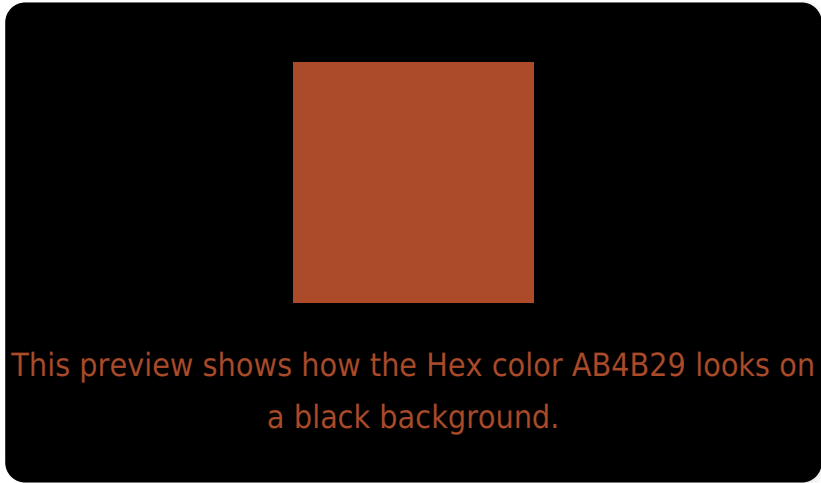
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB4B29 Background



This preview shows how black text looks on a background with the Hex color AB4B29.



This preview shows how white text looks on a background with the Hex color AB4B29.

# 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**  
AB4B29

**Protanopia**  
746932

**Deuteranopia**  
836322



# Trichromacy



**Original Color**  
AB4B29

**Protanomaly**  
885E2F

**Deuteranomaly**  
925A25

**Tritanomaly**  
AC483F

# Monochromacy



**Original Color**  
AB4B29

**Achromatopsia**  
646464

**Achromatomaly**  
7E5B4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB4B29 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 #AB4B29 looks like.

```
.text, #text, p{  
    color:#AB4B29  
}
```

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 #AB4B29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB4B29
}
```

## Border

The CSS property to change the border of an element to Hex AB4B29 is called "border". The border property can be set on classes, ids or directly on the HTML element.

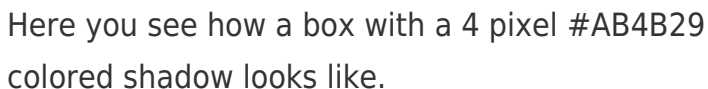
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB4B29 }
```

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

```
.border{ border-color:#AB4B29 }
```

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



Here you see how a box with a 4 pixel #AB4B29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB4B29; -webkit-box-shadow:4px 4px  
4px 4px #AB4B29; box-shadow:4px 4px 4px  
4px #AB4B29 }
```

# Background

The CSS property to change the background color of an element to Hex AB4B29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB4B29 }
```

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

```
.background{ background-color:#AB4B29 }
```

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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