

# Converting Colors

Hex(AB4913)

Have a look what the booklet for  
Hex(AB4913) contains.

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**Color**

**Hex(AB4913)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB4913
RGB	171, 73, 19
RGB Percent	67%, 29%, 7%
CMY	0.3294, 0.7137, 0.9255
CMYK	0.00, 0.57, 0.89, 0.33
HSL	21°, 80%, 37%
HSV	21°, 89%, 67%
XYZ	19.2947, 13.4700, 2.1991
YIQ	96.1460, 75.7420, 3.9820

# Conversions

## Conversions Part 2

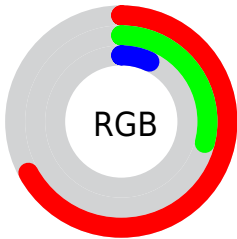
Format	Color
<b>RYB</b>	171, 103, 19
Decimal	11225363
CIELab	43.46, 37.55, 48.06
CIElCh	43, 60.988, 51.996
Yxy	13.4700, 0.5518, 0.3853
Android (android.graphics.Color)	4289415443 (0xFFAB4913)
YUV	96.1460, -38.0330, 65.6470
Hunter-Lab	36.7015, 29.6130, 22.1385

# Details

The Hex color **AB4913** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1375AB**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **E87C45**, and **6F1600** is the 20% darker color. If you saturate the color by 10%, you get **AB3E02**, and if you desaturate by 10%, it is **AB5424**.

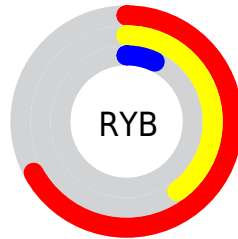
# Distribution



Red (67%)

Green (29%)

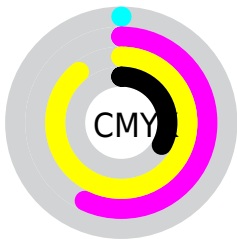
Blue (7%)



Red (67%)

Yellow (40%)

Blue (7%)

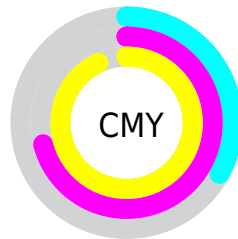


Cyan (0%)

Magenta (57%)

Yellow (89%)

Black (33%)



Cyan (33%)

Magenta (71%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB4913 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 AB4913 by changing the saturation by 10% instead.



 AB4913

 AB4913

FFFFFF

 8D3000

 E87C45

 6F1600

 FF975E

 520000

 FFB277

 370000

 FFCE91

 150000

 FFEBAC

 000000

 FFFFC8

 FFFF E5

 AB4913

 AB4913

■ AB3E02

■ AB5424

■ AB3D00

■ AB5F35

■ AB6A46

■ AB7557

■ AB8068

■ AB8B7A

■ AB968B

■ ABA19C

■ ABACAD

# Harmonies

## Analogous

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



BE3044



AB4913



886000

# Triad

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



AB4913



007C57



435FC5

# Complementary

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



AB4913



1375AB

# 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.



0071CC



AB4913



007D8B

# Square

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



AB4913



007822



007AB6



9546A6

# Rectangle

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



AB4913



6A6B00



007AB6



0066CB



# Sweetspot

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



AB4913



DEB7A2



AB1376



70594C



F0F0F0



707070



# Same Dimension

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



AB4913



DE4F00



AB9413



57514E



963500



170800



# Inverse Universe

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



1375AB



008FDE



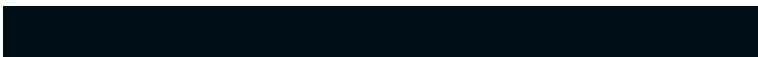
132AAB



4E5457



006196



000F17



# Previews

## White Background



This preview shows how the Hex color AB4913 looks on a white background.

## Color Contrast Check

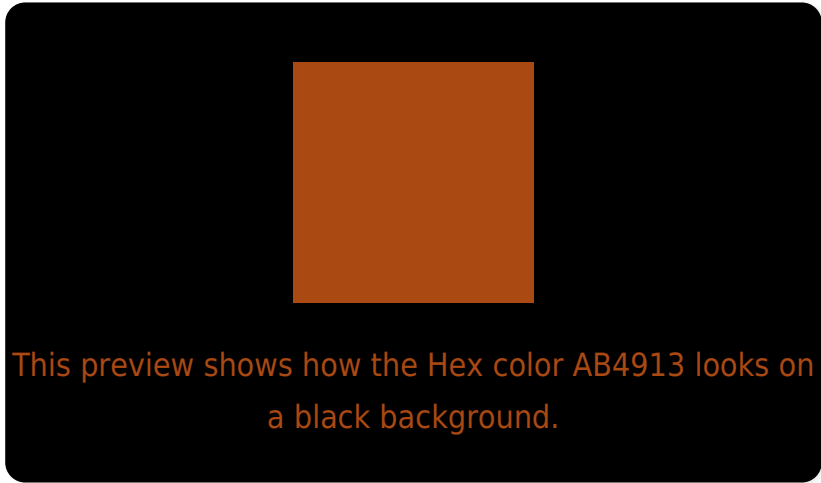
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB4913 Background



This preview shows how black text looks on a background with the Hex color AB4913.



This preview shows how white text looks on a background with the Hex color AB4913.

# 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**  
AB4913

**Protanopia**  
74681B

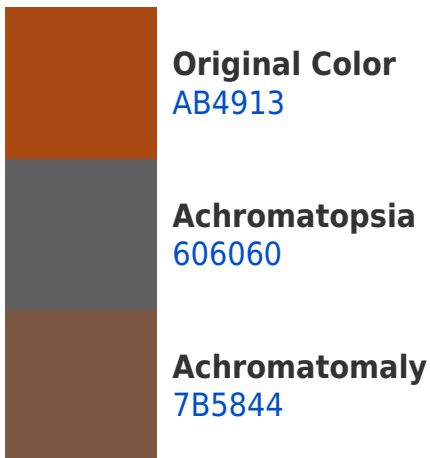
**Deuteranopia**  
836200



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB4913 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 #AB4913 looks like.

```
.text, #text, p{  
    color:#AB4913  
}
```

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 #AB4913 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB4913
}
```

## Border

The CSS property to change the border of an element to Hex AB4913 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
#AB4913 }
```

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

```
.border{ border-color:#AB4913 }
```

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

Here you see how a box with a 4 pixel #AB4913 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB4913; -webkit-box-shadow:4px 4px  
4px 4px #AB4913; box-shadow:4px 4px 4px  
4px #AB4913 }
```

# Background

The CSS property to change the background color of an element to Hex AB4913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB4913 }
```

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

```
.background{ background-color:#AB4913 }
```

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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