

# Converting Colors

Hex(AB6203)

Have a look what the booklet for  
Hex(AB6203) contains.

<b>Hex(AB6203)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(AB6203)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB6203
RGB	171, 98, 3
RGB Percent	67%, 38%, 1%
CMY	0.3294, 0.6157, 0.9882
CMYK	0.00, 0.43, 0.98, 0.33
HSL	34°, 97%, 34%
HSV	34°, 98%, 67%
XYZ	21.1787, 17.3999, 2.3284
YIQ	108.9970, 74.0030, -14.0690

# Conversions

## Conversions Part 2

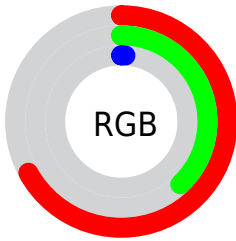
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 171, 3
Decimal	11231747
CIELab	48.76, 23.99, 56.14
CIElCh	49, 61.052, 66.864
Yxy	17.3999, 0.5177, 0.4254
Android (android.graphics.Color)	4289421827 (0xFFAB6203)
YUV	108.9970, -52.2565, 54.3766
Hunter-Lab	41.7131, 17.6305, 25.8896

# Details

The Hex color **AB6203** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **034CAB**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **E8953F**, and **703300** is the 20% darker color. If you saturate the color by 10%, you get **AB6100**, and if you desaturate by 10%, it is **AB6914**.

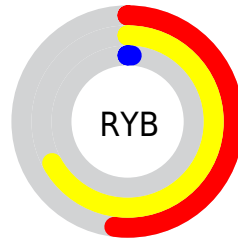
# Distribution



Red (67%)

Green (38%)

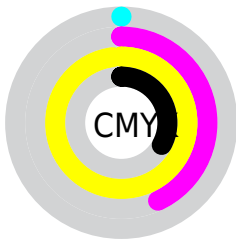
Blue (1%)



Red (52%)

Yellow (67%)

Blue (1%)

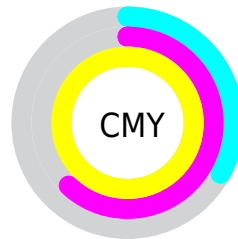


Cyan (0%)

Magenta (43%)

Yellow (98%)

Black (33%)



Cyan (33%)

Magenta (62%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB6203 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 AB6203 by changing the saturation by 10% instead.



 AB6203

 AB6203

FFFFFF

 8D4A00

 E8953F

 703300

 FFB059

 541C00

 FFCB73

 380600

 FFE88E

 200001

 FFFFA9

 000000

 FFFFC5

 FFFF E2

 AB6203

 AB6203

■ AB6100

■ AB6914

■ AB7125

■ AB7836

■ AB8047

■ AB8758

■ AB8F6A

■ AB967B

■ AB9D8C

■ ABA59D

# Harmonies

## Analogous

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



C74A38



AB6203



817500

# Triad

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



AB6203



008B7F



8360C7

# Complementary

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



AB6203



034CAB

# 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.



0076DB



AB6203



008AB1

# Square

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



AB6203



008949



0084D3



BA479D

# Rectangle

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



AB6203



5E7E00



0084D3



6668D1



# Sweetspot

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



AB6203



DEC29E



AB034F



705F49



F0F0F0



707070



# Same Dimension

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



AB6203



DE7D00



A3AB03



57534E



965500



170D00



# Inverse Universe

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



034CAB



0060DE



0B03AB



4E5257



004196

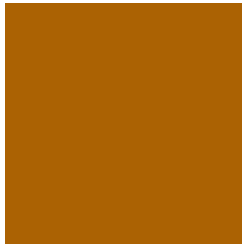


000A17



# Previews

## White Background



This preview shows how the Hex color AB6203 looks on a white background.

## Color Contrast Check

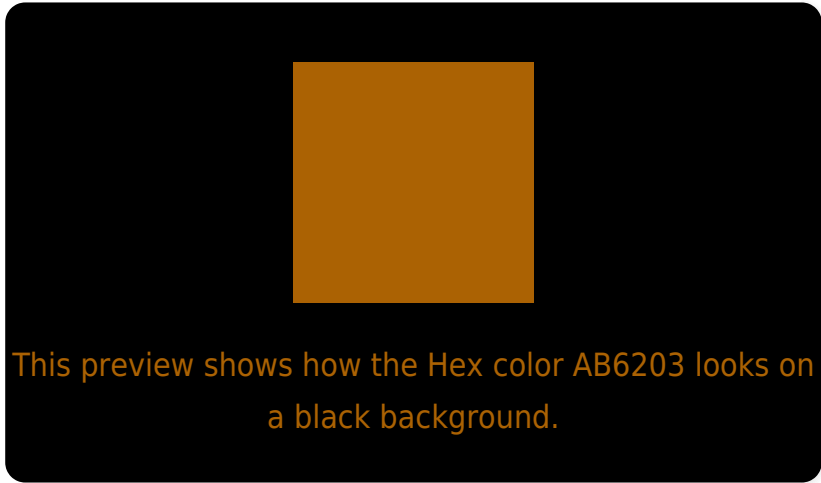
Large Text (above 18pt) WCAG AA ✓ Pass

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

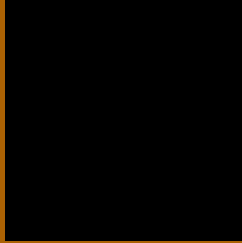
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AB6203 Background



This preview shows how black text looks on a background with the Hex color AB6203.



This preview shows how white text looks on a background with the Hex color AB6203.

# 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**  
AB6203

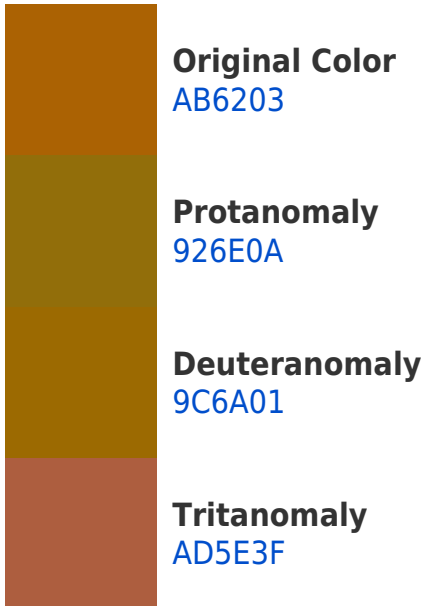
**Protanopia**  
83750E

**Deuteranopia**  
936E00

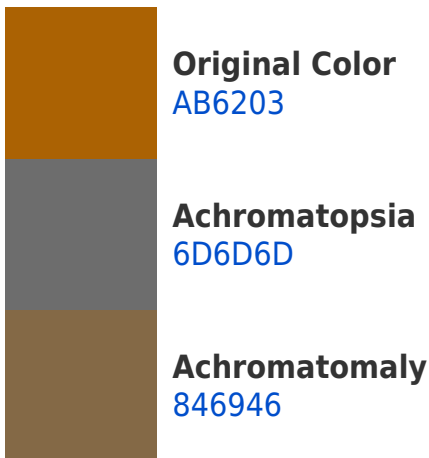


**Tritanopia**  
AE5B62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB6203 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 #AB6203 looks like.

```
.text, #text, p{  
    color:#AB6203  
}
```

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 #AB6203 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB6203
}
```

## Border

The CSS property to change the border of an element to Hex AB6203 is called "border". The border property can be set on classes, ids or directly on the HTML element.

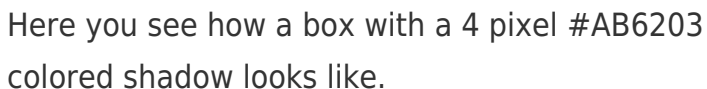
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB6203 }
```

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

```
.border{ border-color:#AB6203 }
```

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



Here you see how a box with a 4 pixel `#AB6203` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB6203; -webkit-box-shadow:4px 4px  
4px 4px #AB6203; box-shadow:4px 4px 4px  
4px #AB6203 }
```

# Background

The CSS property to change the background color of an element to Hex AB6203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB6203 }
```

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

```
.background{ background-color:#AB6203 }
```

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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