

Converting Colors

Hex(AB5900)

Have a look what the booklet for
Hex(AB5900) contains.

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Color

Hex(AB5900)

Conversions

Conversions Part 1

Format	Color
Hex	AB5900
RGB	171, 89, 0
RGB Percent	67%, 35%, 0%
CMY	0.3294, 0.6510, 1.0000
CMYK	0.00, 0.48, 1.00, 0.33
HSL	31°, 100%, 34%
HSV	31°, 100%, 67%
XYZ	20.3670, 15.8027, 1.9768
YIQ	103.3720, 77.4410, -10.2950

Conversions

Conversions Part 2

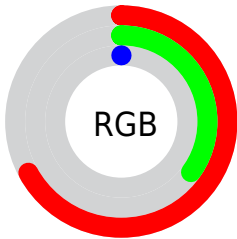
Format	Color
R_{YB}	158, 171, 0
Decimal	11229440
CIE Lab	46.71, 28.88, 55.56
CIE LCh	47, 62.622, 62.535
Yxy	15.8027, 0.5339, 0.4143
Android (android.graphics.Color)	4289419520 (0xFFAB5900)
YUV	103.3720, -50.9624, 59.3098
Hunter-Lab	39.7526, 21.8862, 24.8785

Details

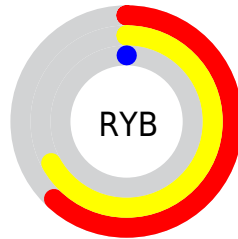
The Hex color **AB5900** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0052AB**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **E88C3C**, and **702900** is the 20% darker color. If you saturate the color by 10%, you get **AB5900**, and if you desaturate by 10%, it is **AB6111**.

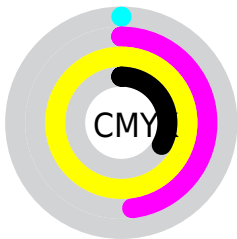
Distribution



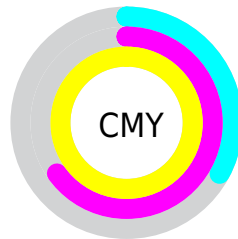
- Red (67%)
- Green (35%)
- Blue (0%)



- Red (62%)
- Yellow (67%)
- Blue (0%)



- Cyan (0%)
- Magenta (48%)
- Yellow (100%)
- Black (33%)



- Cyan (33%)
- Magenta (65%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB5900 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 AB5900 by changing the saturation by 10% instead.

 AB5900

 AB5900

 FFFFFB

 8D4100

 E88C3C

 702900

 FFA756

 531200

 FFC270

 370000

 FFDE8A

 1C0001

 FFFBA5

 000000

 FFFFC1

 FFFFDE

 AB5900

 AB6111

 AB6922

 AB7233

 AB7A44

 AB8255

 AB8A67

 AB9278

 AB9B89

 ABA39A

Harmonies

Analogous

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



C53F39



AB5900



826E00

Triad

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



AB5900



008672



715EC8

Complementary

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



AB5900



0052AB

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.



0074D9



AB5900



0086A6

Square

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



AB5900



00833B



0080CC



B043A0

Rectangle

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



AB5900



607800



0080CC



4D67D1

Sweetspot

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



AB5900



DEBE9B



AB0053



705D48



F0F0F0



707070

Same Dimension

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



AB5900



DE7300



A8AB00



57534E



964E00



170C00

Inverse Universe

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



0052AB



006ADE



0300AB



4E5257



004896



000B17

Previews

White Background



This preview shows how the Hex color AB5900 looks on a white background.

Color Contrast Check

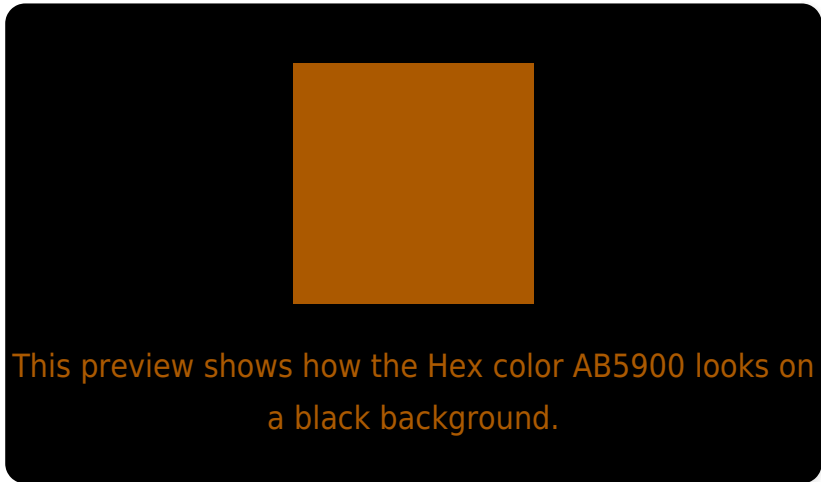
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB5900 Background



This preview shows how black text looks on a background with the Hex color AB5900.

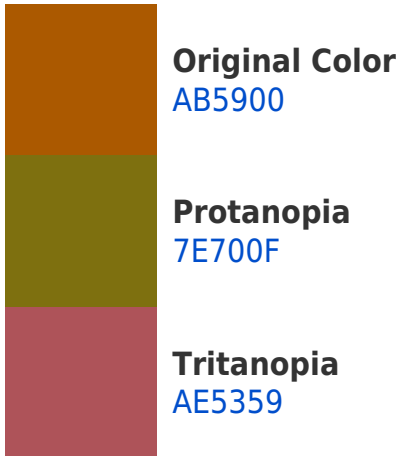


This preview shows how white text looks on a background with the Hex color AB5900.

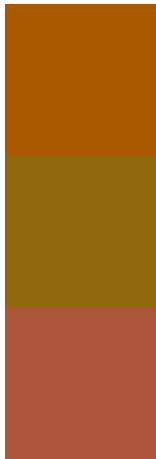
Color Blindness Simulation

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



Trichromacy



Original Color
AB5900

Protanomaly
8E680A

Tritanomaly
AD5539

Monochromacy



Original Color
AB5900

Achromatopsia
676767

Achromatomaly
806242

CSS Examples

Text

The CSS property to change the color of the text to Hex AB5900 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 #AB5900 looks like.

```
.text, #text, p{  
    color:#AB5900  
}
```

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 #AB5900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB5900
}
```

Border

The CSS property to change the border of an element to Hex AB5900 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
#AB5900 }
```

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

```
.border{ border-color:#AB5900 }
```

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

Here you see how a box with a 4 pixel #AB5900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB5900; -webkit-box-shadow:4px 4px  
4px 4px #AB5900; box-shadow:4px 4px 4px  
4px #AB5900 }
```

Background

The CSS property to change the background color of an element to Hex AB5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB5900 }
```

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

```
.background{ background-color:#AB5900 }
```

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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