

Converting Colors

Hex(AB631A)

Have a look what the booklet for
Hex(AB631A) contains.

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Color

Hex(AB631A)

Conversions

Conversions Part 1

Format	Color
Hex	AB631A
RGB	171, 99, 26
RGB Percent	67%, 39%, 10%
CMY	0.3294, 0.6118, 0.8980
CMYK	0.00, 0.42, 0.85, 0.33
HSL	30°, 74%, 39%
HSV	30°, 85%, 67%
XYZ	21.4429, 17.6562, 3.2551
YIQ	112.2060, 66.3450, -7.4390

Conversions

Conversions Part 2

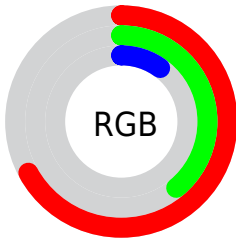
Format	Color
R_{YB}	169, 171, 26
Decimal	11232026
CIE _{Lab}	49.08, 23.88, 50.13
CIE _{LCh}	49, 55.526, 64.528
Yxy	17.6562, 0.5063, 0.4169
Android (android.graphics.Color)	4289422106 (0xFFAB631A)
YUV	112.2060, -42.4996, 51.5623
Hunter-Lab	42.0193, 17.5567, 24.8205

Details

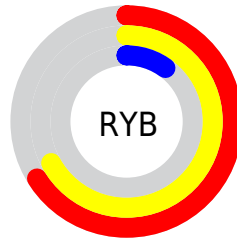
The Hex color **AB631A** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1A62AB**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **E7964D**, and **713300** is the 20% darker color. If you saturate the color by 10%, you get **AB5B09**, and if you desaturate by 10%, it is **AB6B2B**.

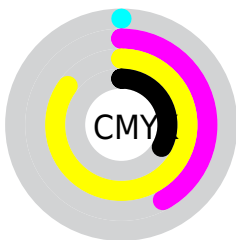
Distribution



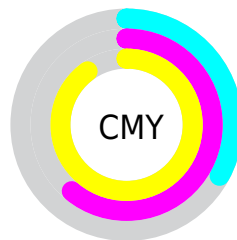
- Red (67%)
- Green (39%)
- Blue (10%)



- Red (66%)
- Yellow (67%)
- Blue (10%)



- Cyan (0%)
- Magenta (42%)
- Yellow (85%)
- Black (33%)



- Cyan (33%)
- Magenta (61%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB631A 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 AB631A by changing the saturation by 10% instead.

 AB631A

 AB631A

FFFFFF

 8E4B00

 E7964D

 713300

 FFB166

 541D00

 FFCD81

 390700

 FFE99B

 220001

 FFFFB7

 000000

 FFFFD3

 FFFFF0

 AB631A

 AB631A

 AB5B09

 AB6B2B

 AB5600

 AB743C

 AB7C4D

 AB855E

 AB8D6F

 AB9681

 AB9E92

 ABA7A3

 ABAFB4

Harmonies

Analogous

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



C34F42



AB631A



857500

Triad

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



AB631A



008A7B



7E65C3

Complementary

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



AB631A



1A62AB

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.



0078D3



AB631A



008AA9

Square

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



AB631A



00884A



0084C9



B34F9E

Rectangle

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



AB631A



667D0F



0084C9



636CCB

Sweetspot

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



AB631A



DEC2A6



AB1A62



705F4F



F0F0F0



707070

Same Dimension

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



AB631A



DE7000



ABAB1A



57524E



964C00



170C00

Inverse Universe

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



1A62AB



006EDE



1A1AAB



4E5257



004B96



000B17

Previews

White Background



This preview shows how the Hex color AB631A looks on a white background.

Color Contrast Check

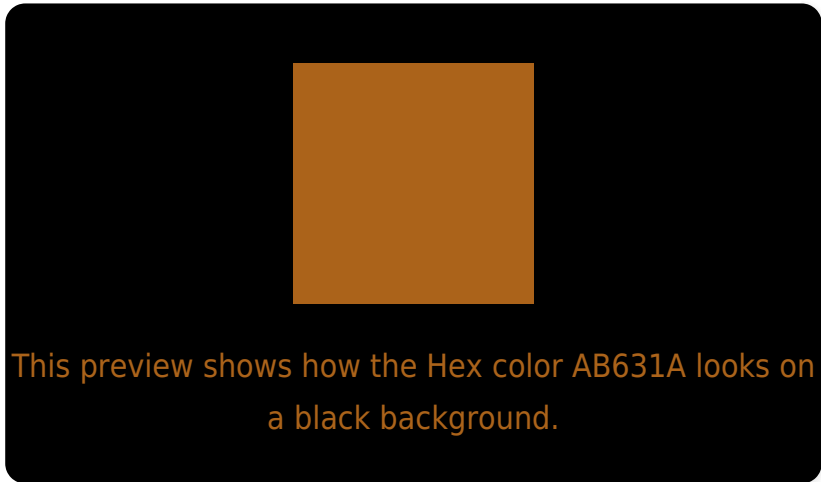
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex AB631A Background



This preview shows how black text looks on a background with the Hex color AB631A.



This preview shows how white text looks on a background with the Hex color AB631A.

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

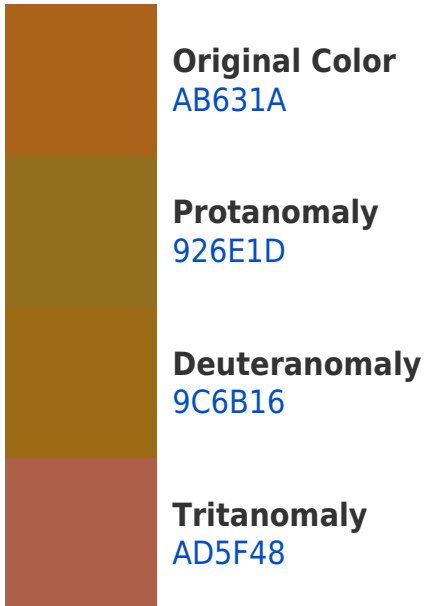


Original Color
AB631A

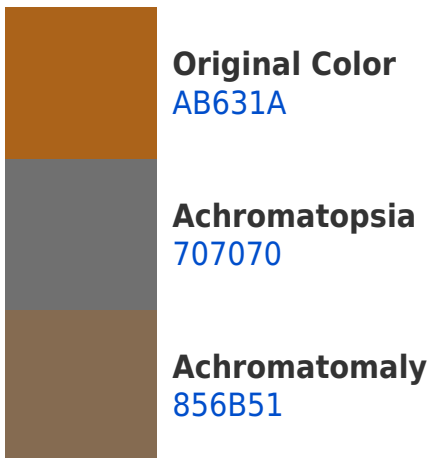
Protanopia
84751F

Deuteranopia
946F13

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB631A 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 #AB631A looks like.

```
.text, #text, p{  
    color:#AB631A  
}
```

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 #AB631A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB631A
}
```

Border

The CSS property to change the border of an element to Hex AB631A 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
#AB631A }
```

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

```
.border{ border-color:#AB631A }
```

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

Here you see how a box with a 4 pixel #AB631A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB631A; -webkit-box-shadow:4px 4px  
4px 4px #AB631A; box-shadow:4px 4px 4px  
4px #AB631A }
```

Background

The CSS property to change the background color of an element to Hex AB631A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB631A }
```

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

```
.background{ background-color:#AB631A }
```

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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