

Converting Colors

Hex(AE701D)

Have a look what the booklet for
Hex(AE701D) contains.

Hex(AE701D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AE701D)

Conversions

Conversions Part 1

Format	Color
Hex	AE701D
RGB	174, 112, 29
RGB Percent	68%, 44%, 11%
CMY	0.3176, 0.5608, 0.8863
CMYK	0.00, 0.36, 0.83, 0.32
HSL	34°, 71%, 40%
HSV	34°, 83%, 68%
XYZ	23.4715, 20.6757, 3.9161
YIQ	121.0760, 63.5950, -12.6690

Conversions

Conversions Part 2

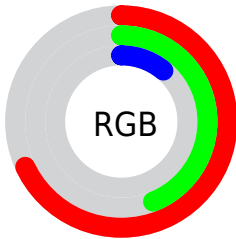
Format	Color
R _Y B	137, 174, 29
Decimal	11431965
CIE Lab	52.59, 18.03, 52.25
CIE LCh	53, 55.270, 70.956
Yxy	20.6757, 0.4883, 0.4302
Android (android.graphics.Color)	4289622045 (0xFFAE701D)
YUV	121.0760, -45.3935, 46.4143
Hunter-Lab	45.4706, 12.5666, 26.7231

Details

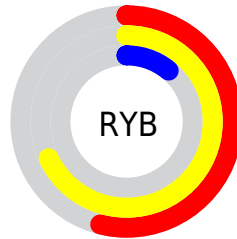
The Hex color **AE701D** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1D5BAE**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **EAA451**, and **744000** is the 20% darker color. If you saturate the color by 10%, you get **AE690C**, and if you desaturate by 10%, it is **AE772E**.

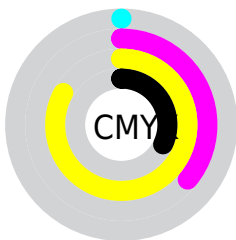
Distribution



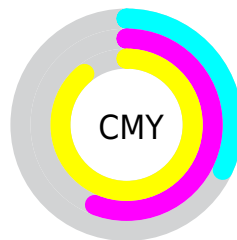
- Red (68%)
- Green (44%)
- Blue (11%)



- Red (54%)
- Yellow (68%)
- Blue (11%)



- Cyan (0%)
- Magenta (36%)
- Yellow (83%)
- Black (32%)



- Cyan (32%)
- Magenta (56%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Hex color AE701D 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 AE701D by changing the saturation by 10% instead.

 AE701D

 AE701D

FFFFFF

 915700

 EAA451

 744000

 FFBF6B

 582A00

 FFDB85

 3D1500

 FFF7A0

 250000

 FFFFBC

 000000

 FFFFD8

 FFFFF5

 AE701D

 AE701D

■ AE690C

■ AE772E

■ AE6400

■ AE7F40

■ AE8651

■ AE8E63

■ AE9574

■ AE9D85

■ AEA497

■ AEACA8

■ AEB3BA

Harmonies

Analogous

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



CA5C41



AE701D



858110

Triad

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



AE701D



00948E



9669C6

Complementary

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



AE701D



1D5BAE

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.



397DDB



AE701D



0092BB

Square

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



AE701D



00925D



008BD7



C3559E

Rectangle

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



AE701D



648923



008BD7



7F70CF

Sweetspot

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



AE701D



E3CBAA



AE1D5C



736450



F2F2F2



737373

Same Dimension

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



AE701D



E38200



A4AE1D



57534E



965600



170D00

Inverse Universe

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



1D5BAE



0061E3



271DAE



4E5257



004096



000A17

Previews

White Background



This preview shows how the Hex color AE701D looks on a white background.

Color Contrast Check

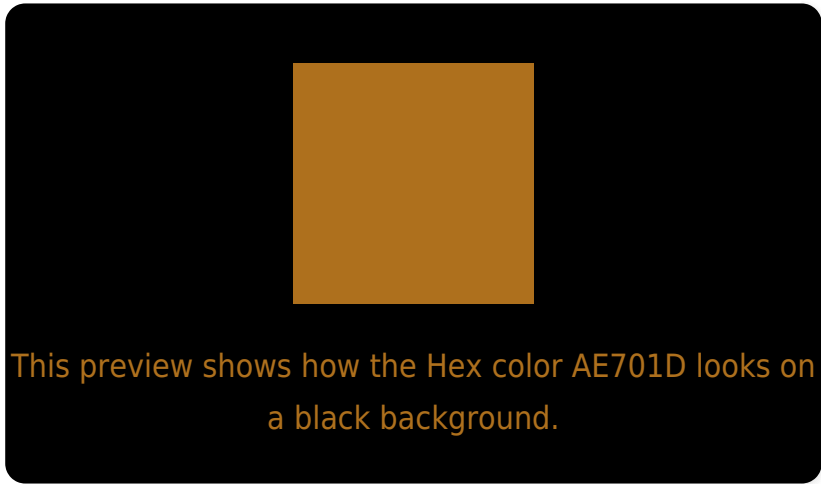
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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 AE701D Background



This preview shows how black text looks on a background with the Hex color AE701D.



This preview shows how white text looks on a background with the Hex color AE701D.

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
AE701D

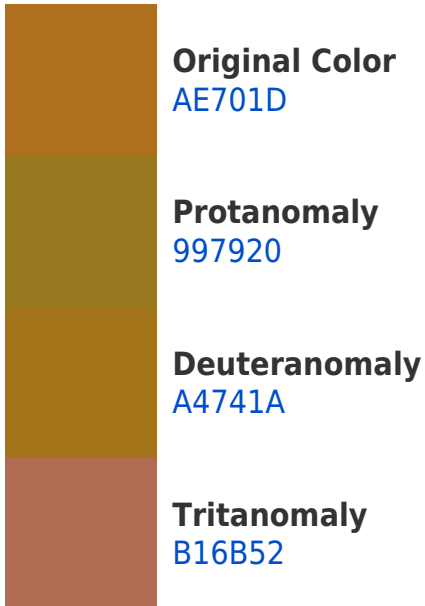
Protanopia
8D7E21

Deuteranopia
9F7719

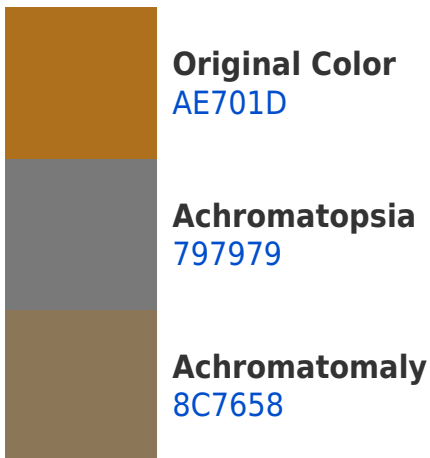


Tritanopia
B26870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AE701D 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 #AE701D looks like.

```
.text, #text, p{  
    color:#AE701D  
}
```

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 #AE701D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE701D
}
```

Border

The CSS property to change the border of an element to Hex AE701D 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
#AE701D }
```

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

```
.border{ border-color:#AE701D }
```

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

Here you see how a box with a 4 pixel #AE701D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE701D; -webkit-box-shadow:4px 4px  
4px 4px #AE701D; box-shadow:4px 4px 4px  
4px #AE701D }
```

Background

The CSS property to change the background color of an element to Hex AE701D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE701D }
```

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

```
.background{ background-color:#AE701D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor