

# Converting Colors

Hex(AE6C1D)

Have a look what the booklet for  
Hex(AE6C1D) contains.

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**Color**

**Hex(AE6C1D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AE6C1D
RGB	174, 108, 29
RGB Percent	68%, 42%, 11%
CMY	0.3176, 0.5765, 0.8863
CMYK	0.00, 0.38, 0.83, 0.32
HSL	33°, 71%, 40%
HSV	33°, 83%, 68%
XYZ	23.0399, 19.8125, 3.7723
YIQ	118.7280, 64.6950, -10.5770

# Conversions

## Conversions Part 2

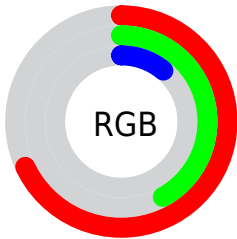
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 174, 29
Decimal	11430941
CIE Lab	51.62, 20.27, 51.39
CIE LCh	52, 55.248, 68.473
Yxy	19.8125, 0.4942, 0.4249
Android (android.graphics.Color)	4289621021 (0xFFAE6C1D)
YUV	118.7280, -44.2359, 48.4735
Hunter-Lab	44.5112, 14.5004, 26.1331

# Details

The Hex color **AE6C1D** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1D5FAE**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **EAA051**, and **743C00** is the 20% darker color. If you saturate the color by 10%, you get **AE640C**, and if you desaturate by 10%, it is **AE742E**.

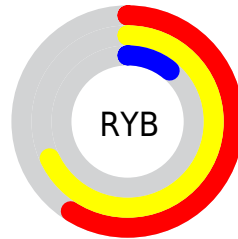
# Distribution



Red (68%)

Green (42%)

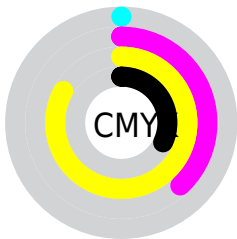
Blue (11%)



Red (59%)

Yellow (68%)

Blue (11%)

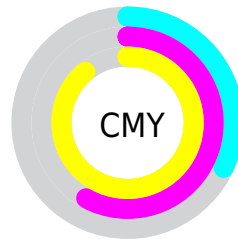


Cyan (0%)

Magenta (38%)

Yellow (83%)

Black (32%)



Cyan (32%)

Magenta (58%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE6C1D 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 AE6C1D by changing the saturation by 10% instead.



 AE6C1D

 AE6C1D

FFFFFF

 915400

 EAA051

 743C00

 FFBB6A

 582600

 FFD684

 3C1100

 FFF39F

 250000

 FFFFBB

 000000

 FFFFD7

 FFFFF4

 AE6C1D

 AE6C1D

■ AE640C

■ AE742E

■ AE5F00

■ AE7C40

■ AE8451

■ AE8C63

■ AE9474

■ AE9C85

■ AEA397

■ AEABA8

■ AEB3BA

# Harmonies

## Analogous

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



C95843



AE6C1D



867D0B

# Triad

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



AE6C1D



009188



8E68C6

# Complementary

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



AE6C1D



1D5FAE

# 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.



247CD9



AE6C1D



0090B5

# Square

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



AE6C1D



008F56



0089D3



BE549F

# Rectangle

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



AE6C1D



66851E



0089D3



7670CF



# Sweetspot

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



AE6C1D



E3C9AA



AE1D61



736350



F2F2F2



737373



# Same Dimension

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



AE6C1D



E37C00



A9AE1D



57534E



965200



170D00



# Inverse Universe

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



1D5FAE



0067E3



221DAE



4E5257



004496



000A17



# Previews

## White Background



This preview shows how the Hex color AE6C1D looks on a white background.

## Color Contrast Check

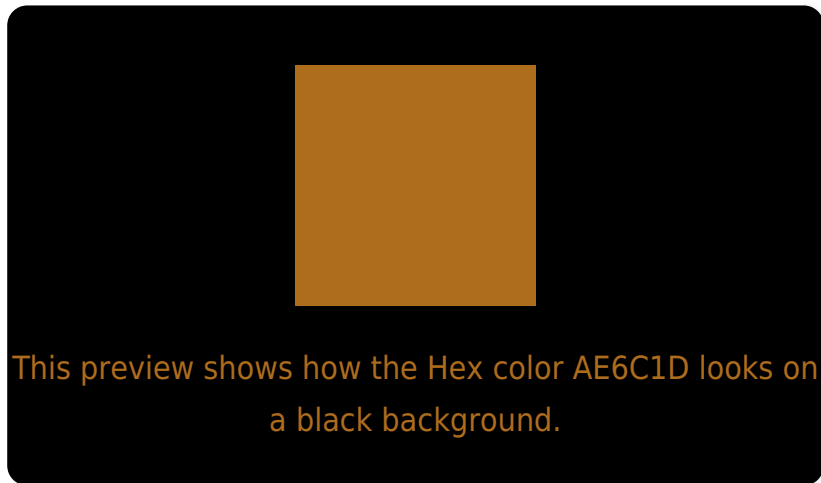
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE6C1D Background



This preview shows how black text looks on a background with the Hex color AE6C1D.



This preview shows how white text looks on a background with the Hex color AE6C1D.

# 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**  
AE6C1D

**Protanopia**  
8B7C21

**Deuteranopia**  
9C7518



**Tritanopia**  
B2656C

# Trichromacy



**Original Color**  
AE6C1D

**Protanomaly**  
987620

**Deuteranomaly**  
A3721A

**Tritanomaly**  
B1684F

# Monochromacy



**Original Color**  
AE6C1D

**Achromatopsia**  
777777

**Achromatomaly**  
8B7356

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE6C1D 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 #AE6C1D looks like.

```
.text, #text, p{  
    color:#AE6C1D  
}
```

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 #AE6C1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE6C1D
}
```

## Border

The CSS property to change the border of an element to Hex AE6C1D 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
#AE6C1D }
```

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

```
.border{ border-color:#AE6C1D }
```

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

Here you see how a box with a 4 pixel #AE6C1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE6C1D; -webkit-box-shadow:4px 4px  
4px 4px #AE6C1D; box-shadow:4px 4px 4px  
4px #AE6C1D }
```

# Background

The CSS property to change the background color of an element to Hex AE6C1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE6C1D }
```

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

```
.background{ background-color:#AE6C1D }
```

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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