

# Converting Colors

Hex(AD6F1E)

Have a look what the booklet for  
Hex(AD6F1E) contains.

<b>Hex(AD6F1E)</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(AD6F1E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AD6F1E
RGB	173, 111, 30
RGB Percent	68%, 44%, 12%
CMY	0.3216, 0.5647, 0.8824
CMYK	0.00, 0.36, 0.83, 0.32
HSL	34°, 70%, 40%
HSV	34°, 83%, 68%
XYZ	23.1524, 20.3469, 3.9354
YIQ	120.3040, 62.9530, -12.0470

# Conversions

## Conversions Part 2

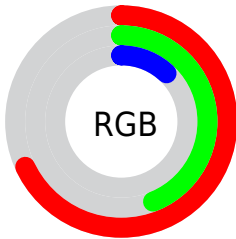
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 173, 30
Decimal	11366174
CIE <sub>Lab</sub>	52.23, 18.18, 51.51
CIE <sub>LCh</sub>	52, 54.622, 70.557
Yxy	20.3469, 0.4881, 0.4289
Android (android.graphics.Color)	4289556254 (0xFFAD6F1E)
YUV	120.3040, -44.5199, 46.2144
Hunter-Lab	45.1075, 12.6808, 26.4025

# Details

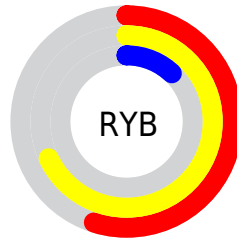
The Hex color **AD6F1E** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1E5CAD**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **E9A352**, and **733F00** is the 20% darker color. If you saturate the color by 10%, you get **AD670D**, and if you desaturate by 10%, it is **AD772F**.

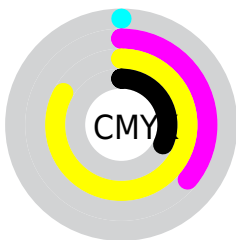
# Distribution



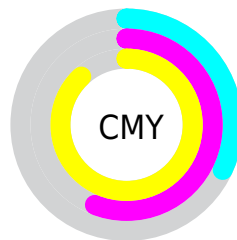
- Red (68%)
- Green (44%)
- Blue (12%)



- Red (55%)
- Yellow (68%)
- Blue (12%)



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



- Cyan (32%)
- Magenta (56%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AD6F1E 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 AD6F1E by changing the saturation by 10% instead.



 AD6F1E

 AD6F1E

FFFFFF

 905700

 E9A352

 733F00

 FFBE6B

 572900

 FFDA86

 3C1400

 FFF6A1

 250000

 FFFFBC

 000000

 FFFFD9

 FFFFF5

 AD6F1E

 AD6F1E

■ AD670D

■ AD772F

■ AD6200

■ AD7E41

■ AD8652

■ AD8D63

■ AD9575

■ AD9C86

■ ADA497

■ ADABA8

■ ADB3BA

# Harmonies

## Analogous

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



C95C42



AD6F1E



858011

# Triad

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



AD6F1E



00938C



9469C4

# Complementary

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



AD6F1E



1E5CAD

# 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.



377CD9



AD6F1E



0091B8

# Square

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



AD6F1E



00915C



008AD5



C1559D

# Rectangle

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



AD6F1E



648823



008AD5



7D70CE



# Sweetspot

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



AD6F1E



E0C8A8



AD1E5E



70624F



F0F0F0



707070



# Same Dimension

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



AD6F1E



E08002



A6AD1E



57534E



965500



170D00



# Inverse Universe

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



1E5CAD



0263E0



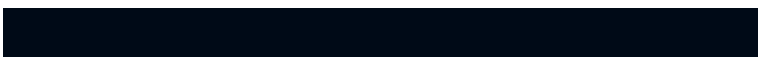
251EAD



4E5257



004196



000A17



# Previews

## White Background



This preview shows how the Hex color AD6F1E looks on a white background.

## Color Contrast Check

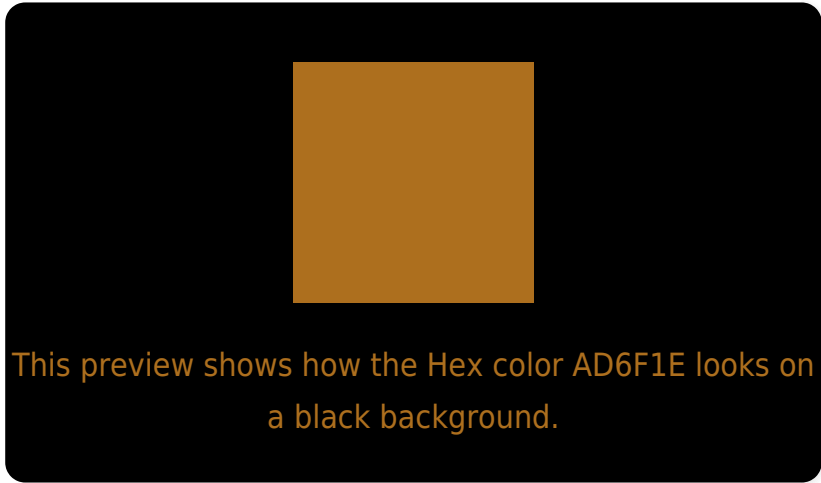
Large Text (above 18pt) WCAG AA ✓ Pass

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 AD6F1E Background



This preview shows how black text looks on a background with the Hex color AD6F1E.



This preview shows how white text looks on a background with the Hex color AD6F1E.

# 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**  
AD6F1E

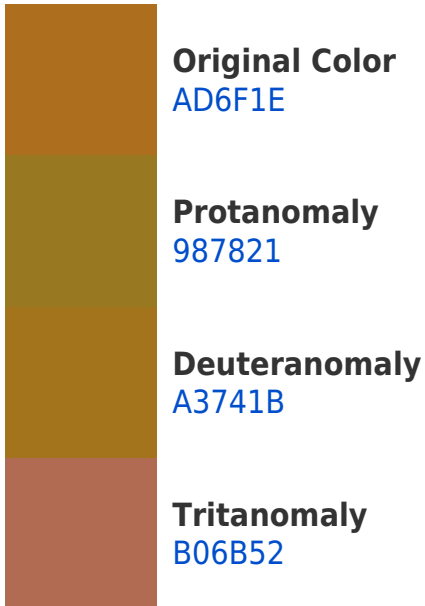
**Protanopia**  
8C7D22

**Deuteranopia**  
9E771A



**Tritanopia**  
B1686F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AD6F1E 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 #AD6F1E looks like.

```
.text, #text, p{  
    color:#AD6F1E  
}
```

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 #AD6F1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD6F1E
}
```

## Border

The CSS property to change the border of an element to Hex AD6F1E 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
#AD6F1E }
```

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

```
.border{ border-color:#AD6F1E }
```

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

Here you see how a box with a 4 pixel #AD6F1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD6F1E; -webkit-box-shadow:4px 4px  
4px 4px #AD6F1E; box-shadow:4px 4px 4px  
4px #AD6F1E }
```

# Background

The CSS property to change the background color of an element to Hex AD6F1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD6F1E }
```

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

```
.background{ background-color:#AD6F1E }
```

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