

# Converting Colors

Hex(AD6E35)

Have a look what the booklet for  
Hex(AD6E35) contains.

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**Color**

**Hex(AD6E35)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AD6E35
RGB	173, 110, 53
RGB Percent	68%, 43%, 21%
CMY	0.3216, 0.5686, 0.7922
CMYK	0.00, 0.36, 0.69, 0.32
HSL	29°, 53%, 44%
HSV	29°, 69%, 68%
XYZ	23.4521, 20.2931, 6.0491
YIQ	122.3390, 55.8450, -4.3710

# Conversions

## Conversions Part 2

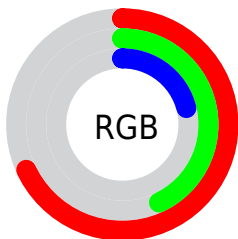
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	173, 162, 53
Decimal	11365941
CIE <sub>Lab</sub>	52.17, 19.78, 41.22
CIE <sub>LCh</sub>	52, 45.717, 64.360
Yxy	20.2931, 0.4710, 0.4075
Android (android.graphics.Color)	4289556021 (0xFFAD6E35)
YUV	122.3390, -34.1841, 44.4297
Hunter-Lab	45.0479, 14.0940, 23.5720

# Details

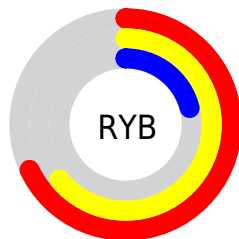
The Hex color **AD6E35** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3574AD**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **E8A266**, and **743E03** is the 20% darker color. If you saturate the color by 10%, you get **AD6524**, and if you desaturate by 10%, it is **AD7746**.

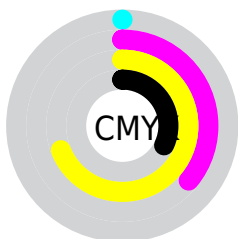
# Distribution



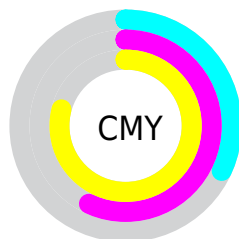
- Red (68%)
- Green (43%)
- Blue (21%)



- Red (68%)
- Yellow (64%)
- Blue (21%)



- Cyan (0%)
- Magenta (36%)
- Yellow (69%)
- Black (32%)



- Cyan (32%)
- Magenta (57%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AD6E35 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 AD6E35 by changing the saturation by 10% instead.



 AD6E35

 AD6E35

FFFFFF

 90551D

 E8A266

 743E03

 FFBD80

 592700

 FFD99A

 3D1200

 FFF5B5

 260000

 FFFFD1

 000000

 FFFFEE

 AD6E35

 AD6E35

 AD6524

 AD7746

 AD5C12

 AD8058

 AD5301

 AD8969

 AD5200

 AD927A

 AD9B8C

 ADA49D

 ADAEAE

 ADB7BF

 ADC0D1

# Harmonies

## Analogous

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



C16052



AD6E35



8D7C29

# Triad

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



AD6E35



009081



8670BD

# Complementary

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



AD6E35



3574AD

# 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.



397FCB



AD6E35



008FA8

# Square

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



AD6E35



298D59



0089C3



B1609F

# Rectangle

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



AD6E35



738431



0089C3



7275C4



# Sweetspot

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



AD6E35



E0C8B1



AD3575



706154



F0F0F0



707070



# Same Dimension

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



AD6E35



E07F26



ADA935



57524E



964700



170B00



# Inverse Universe

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



3574AD



2688E0



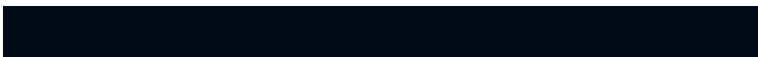
3539AD



4E5357



004F96

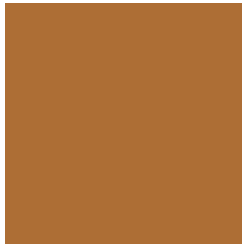


000C17



# Previews

## White Background



This preview shows how the Hex color AD6E35 looks on a white background.

## Color Contrast Check

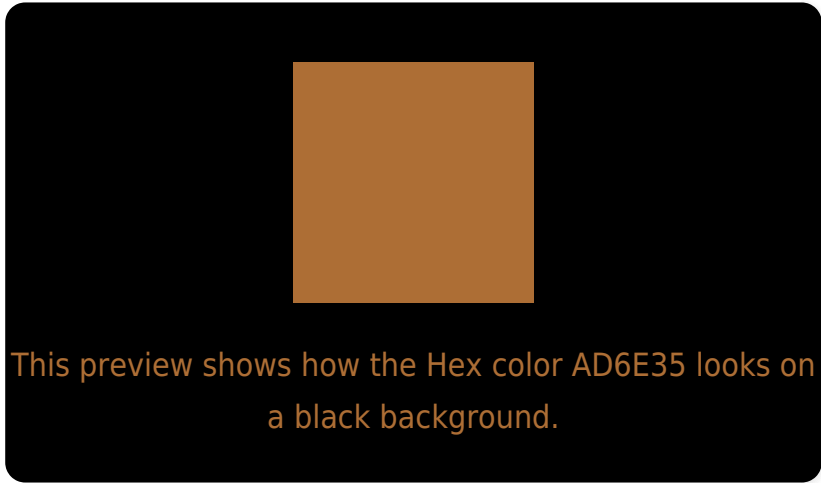
Large Text (above 18pt) WCAG AA ✓ Pass

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

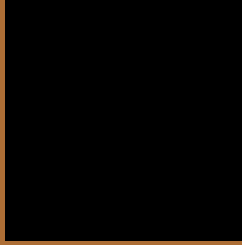
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AD6E35 Background



This preview shows how black text looks on a background with the Hex color AD6E35.



This preview shows how white text looks on a background with the Hex color AD6E35.

# 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**  
AD6E35

**Protanopia**  
8A7D3A

**Deuteranopia**  
9B7733



**Tritanopia**  
B1686F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AD6E35 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 #AD6E35 looks like.

```
.text, #text, p{  
    color:#AD6E35  
}
```

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 #AD6E35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD6E35
}
```

## Border

The CSS property to change the border of an element to Hex AD6E35 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
#AD6E35 }
```

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

```
.border{ border-color:#AD6E35 }
```

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

Here you see how a box with a 4 pixel #AD6E35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD6E35; -webkit-box-shadow:4px 4px  
4px 4px #AD6E35; box-shadow:4px 4px 4px  
4px #AD6E35 }
```

# Background

The CSS property to change the background color of an element to Hex AD6E35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD6E35 }
```

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

```
.background{ background-color:#AD6E35 }
```

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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