

# Converting Colors

Hex(AD5D3D)

Have a look what the booklet for  
Hex(AD5D3D) contains.

<b>Hex(AD5D3D)</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(AD5D3D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AD5D3D
RGB	173, 93, 61
RGB Percent	68%, 36%, 24%
CMY	0.3216, 0.6353, 0.7608
CMYK	0.00, 0.46, 0.65, 0.32
HSL	17°, 48%, 46%
HSV	17°, 65%, 68%
XYZ	21.9902, 17.0499, 6.5468
YIQ	113.2720, 57.9520, 7.0080

# Conversions

## Conversions Part 2

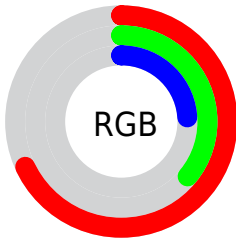
<b>Format</b>	<b>Color</b>
<b>RYB</b>	173, 106, 61
Decimal	11361597
CIELab	48.32, 29.70, 32.55
CIELCh	48, 44.060, 47.624
Yxy	17.0499, 0.4824, 0.3740
Android (android.graphics.Color)	4289551677 (0xFFAD5D3D)
YUV	113.2720, -25.7701, 52.3815
Hunter-Lab	41.2915, 22.8021, 19.5035

# Details

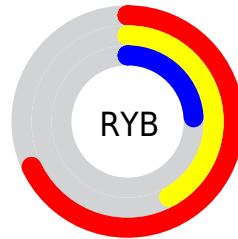
The Hex color **AD5D3D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3D8DAD**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **E8906D**, and **742D10** is the 20% darker color. If you saturate the color by 10%, you get **AD512C**, and if you desaturate by 10%, it is **AD694E**.

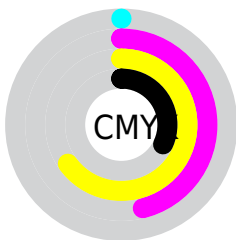
# Distribution



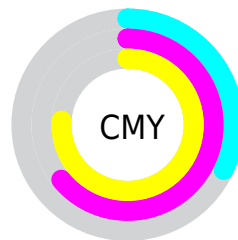
- Red (68%)
- Green (36%)
- Blue (24%)



- Red (68%)
- Yellow (42%)
- Blue (24%)



- Cyan (0%)
- Magenta (46%)
- Yellow (65%)
- Black (32%)



- Cyan (32%)
- Magenta (64%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AD5D3D 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 AD5D3D by changing the saturation by 10% instead.



 AD5D3D

 AD5D3D

FFFFFF

 904426

 E8906D

 742D10

 FFAB87

 581500

 FFC7A1

 3C0000

 FFE3BD

 240001

 FFFFD8

 000000

 FFFFF5

 AD5D3D

 AD5D3D

 AD512C

 AD694E

AD441A

AD7660

AD3809

AD8271

AD3100

AD8E82

AD9B93

ADA7A5

ADB4B6

ADC0C7

ADCCD9

# Harmonies

## Analogous

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



B8525E



AD5D3D



946B27

# Triad

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



AD5D3D



008462



596FBA

# Complementary

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



AD5D3D



3D8DAD

# 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.



007BBB



AD5D3D



008588

# Square

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



AD5D3D



47803E



0082A9



9160A5

# Rectangle

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



AD5D3D



7E7424



0082A9



3D74BD



# Sweetspot

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



AD5D3D



E0C2B6



AD3D8D



705E56



F0F0F0



707070



# Same Dimension

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



AD5D3D



E06331



AD953D



57514E



962B00



170700



# Inverse Universe

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



3D8DAD



31AEE0



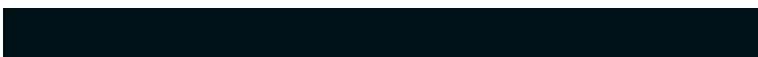
3D55AD



4E5457



006B96



001017



# Previews

## White Background



This preview shows how the Hex color AD5D3D looks on a white background.

## Color Contrast Check

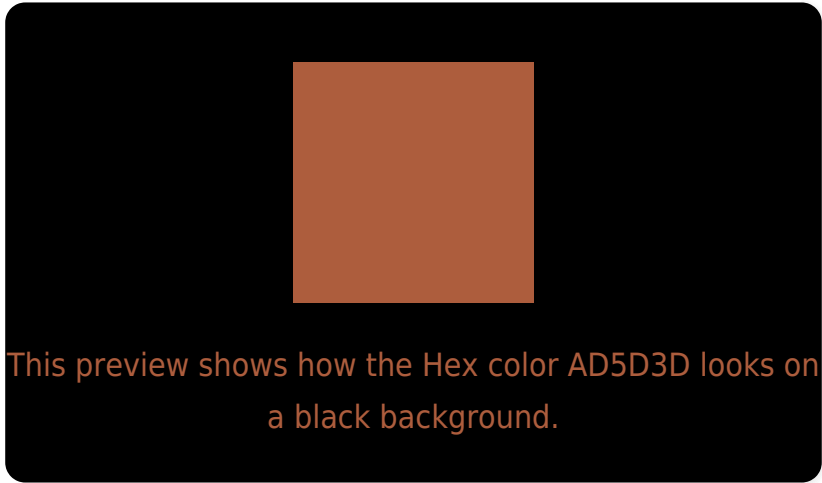
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AD5D3D Background



This preview shows how black text looks on a background with the Hex color AD5D3D.



This preview shows how white text looks on a background with the Hex color AD5D3D.

# 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**  
AD5D3D

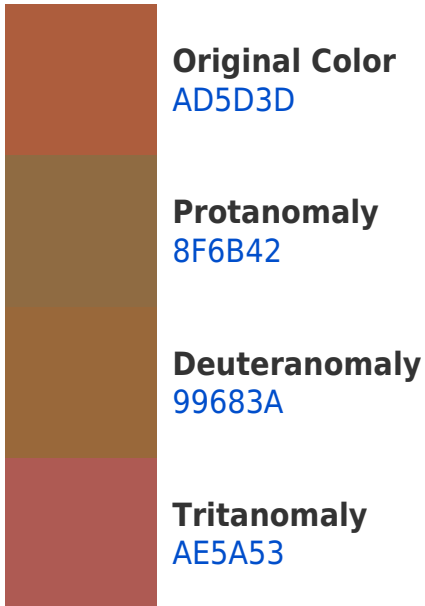
**Protanopia**  
7E7345

**Deuteranopia**  
8E6E39



**Tritanopia**  
AF595F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AD5D3D 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 #AD5D3D looks like.

```
.text, #text, p{  
    color:#AD5D3D  
}
```

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 #AD5D3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD5D3D }  
}
```

## Border

The CSS property to change the border of an element to Hex AD5D3D 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 #AD5D3D }  
}
```

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

```
.border{ border-color:#AD5D3D }
```

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

Here you see how a box with a 4 pixel #AD5D3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD5D3D; -webkit-box-shadow:4px 4px  
4px 4px #AD5D3D; box-shadow:4px 4px 4px  
4px #AD5D3D }
```

# Background

The CSS property to change the background color of an element to Hex AD5D3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD5D3D }
```

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

```
.background{ background-color:#AD5D3D }
```

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