

# Converting Colors

Hex(AA6A52)

Have a look what the booklet for  
Hex(AA6A52) contains.

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**Color**

**Hex(AA6A52)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA6A52
RGB	170, 106, 82
RGB Percent	67%, 42%, 32%
CMY	0.3333, 0.5843, 0.6784
CMYK	0.00, 0.38, 0.52, 0.33
HSL	16°, 35%, 49%
HSV	16°, 52%, 67%
XYZ	23.2546, 19.4633, 10.5138
YIQ	122.4000, 45.8480, 6.1040

# Conversions

## Conversions Part 2

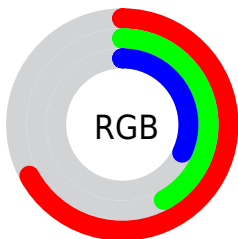
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 115, 82
Decimal	11168338
CIELab	51.22, 22.96, 24.15
CIELCh	51, 33.323, 46.446
Yxy	19.4633, 0.4369, 0.3656
Android (android.graphics.Color)	4289358418 (0xFFAA6A52)
YUV	122.4000, -19.9172, 41.7452
Hunter-Lab	44.1172, 16.8837, 16.7524

# Details

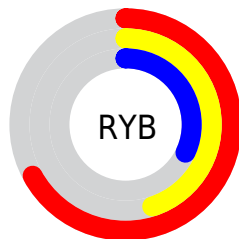
The Hex color **AA6A52** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **5292AA**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **E49E84**, and **733A25** is the 20% darker color. If you saturate the color by 10%, you get **AA5E41**, and if you desaturate by 10%, it is **AA7663**.

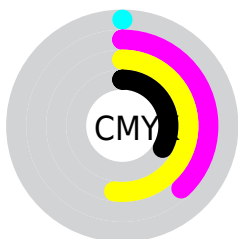
# Distribution



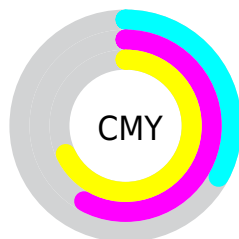
- Red (67%)
- Green (42%)
- Blue (32%)



- Red (67%)
- Yellow (45%)
- Blue (32%)



- Cyan (0%)
- Magenta (38%)
- Yellow (52%)
- Black (33%)



- Cyan (33%)
- Magenta (58%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA6A52 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 AA6A52 by changing the saturation by 10% instead.





AA6A52



AA6A52

FFFFFF



8E513B



E49E84



733A25



FFB99E



582310



FFD5B9



3E0D00



FFF1D5



270000



FFFFF1



000000



AA6A52



AA6A52



AA5E41



AA7663



AA5130



AA8374

■ AA451F

■ AA8F85

■ AA390E

■ AA9B96

■ AA2E00

■ AAA8A7

■ AAB4B8

■ AAC1C9

■ AACDDA

■ AAD9EB

# Harmonies

## Analogous

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



B1646B



AA6A52



977442

# Triad

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



AA6A52



35886C



6977B0

# Complementary

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



AA6A52



5292AA

# 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.



3281B1



AA6A52



008989

# Square

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



AA6A52



5C8452



0087A2



916DA1

# Rectangle

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



AA6A52



867A40



0087A2



597BB2



# Sweetspot

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



AA6A52



DEC4BA



AA5293



70615B



F0F0F0



707070



# Same Dimension

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



AA6A52



DE7A54



AA9552



544E4C



942800



140600



# Inverse Universe

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



5292AA



54B8DE



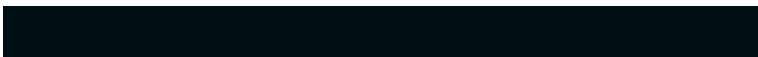
5267AA



4C5254



006C94



000F14



# Previews

## White Background



This preview shows how the Hex color AA6A52 looks on a white background.

## Color Contrast Check

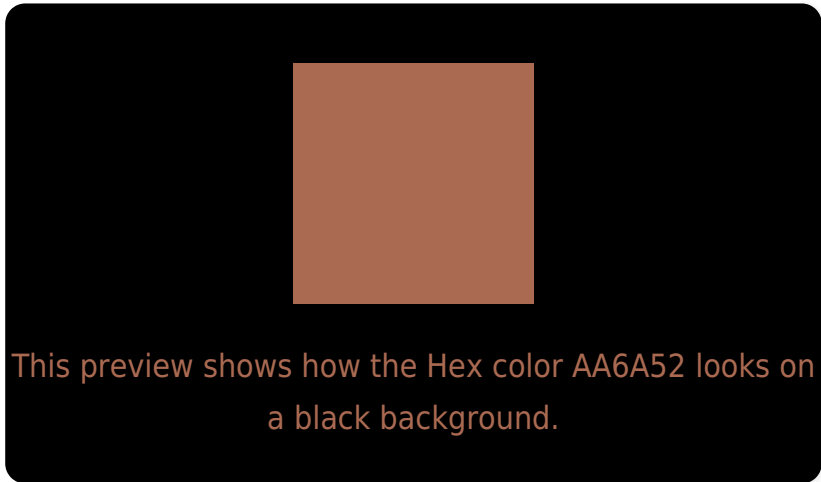
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA6A52 Background



This preview shows how black text looks on a background with the Hex color AA6A52.

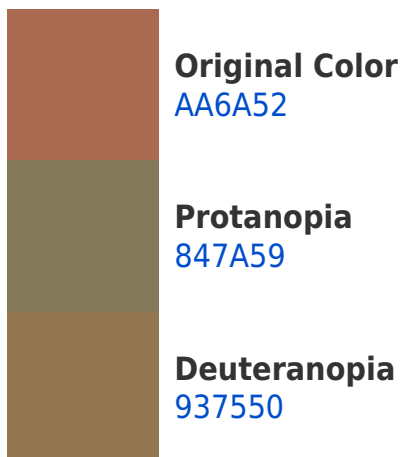


This preview shows how white text looks on a background with the Hex color AA6A52.

# 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





# Trichromacy



**Original Color**

AA6A52

**Protanomaly**

927456

**Deuteranomaly**

9B7151

**Tritanomaly**

AB6764

# Monochromacy



**Original Color**

AA6A52

**Achromatopsia**

7A7A7A

**Achromatomaly**

8B746B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA6A52 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 #AA6A52 looks like.

```
.text, #text, p{  
    color:#AA6A52  
}
```

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 #AA6A52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA6A52
}
```

## Border

The CSS property to change the border of an element to Hex AA6A52 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
#AA6A52 }
```

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

```
.border{ border-color:#AA6A52 }
```

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

Here you see how a box with a 4 pixel #AA6A52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA6A52; -webkit-box-shadow:4px 4px  
4px 4px #AA6A52; box-shadow:4px 4px 4px  
4px #AA6A52 }
```

# Background

The CSS property to change the background color of an element to Hex AA6A52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA6A52 }
```

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

```
.background{ background-color:#AA6A52 }
```

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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