

# Converting Colors

Hex(AA6A56)

Have a look what the booklet for  
Hex(AA6A56) contains.

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# Color

**Hex(AA6A56)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA6A56
RGB	170, 106, 86
RGB Percent	67%, 42%, 34%
CMY	0.3333, 0.5843, 0.6627
CMYK	0.00, 0.38, 0.49, 0.33
HSL	14°, 33%, 50%
HSV	14°, 49%, 67%
XYZ	23.4113, 19.5260, 11.3391
YIQ	122.8560, 44.5640, 7.3480

# Conversions

## Conversions Part 2

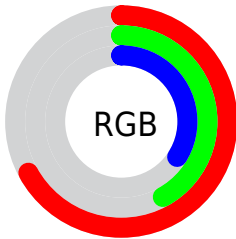
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	170, 112, 86
Decimal	11168342
CIE Lab	51.30, 23.35, 21.93
CIE LCh	51, 32.037, 43.208
Yxy	19.5260, 0.4313, 0.3598
Android (android.graphics.Color)	4289358422 (0xFFAA6A56)
YUV	122.8560, -18.1700, 41.3453
Hunter-Lab	44.1882, 17.2414, 15.7174

# Details

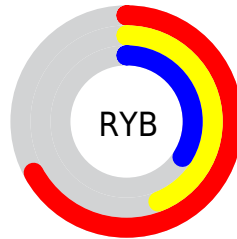
The Hex color **AA6A56** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5696AA**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **E49E88**, and **733A28** is the 20% darker color. If you saturate the color by 10%, you get **AA5D45**, and if you desaturate by 10%, it is **AA7767**.

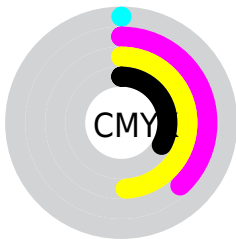
# Distribution



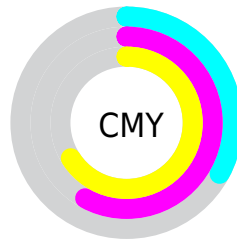
- Red (67%)
- Green (42%)
- Blue (34%)



- Red (67%)
- Yellow (44%)
- Blue (34%)



- Cyan (0%)
- Magenta (38%)
- Yellow (49%)
- Black (33%)



- Cyan (33%)
- Magenta (58%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA6A56 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 AA6A56 by changing the saturation by 10% instead.



■ AA6A56

■ AA6A56

FFFFFF

■ 8E513F

■ E49E88

■ 733A28

■ FFB9A2

■ 582314

■ FFD5BD

■ 3F0C00

■ FFF1D9

■ 270000

■ FFFFF6

■ 000000

■ AA6A56

■ AA6A56

■ AA5D45

■ AA7767

■ AA5034

■ AA8478

■ AA4323

■ AA9189

■ AA3612

■ AA9E9A

■ AA2901

■ AAABAB

■ AA2800

■ AAB8BC

■ AAC5CD

■ AAD2DE

■ AADFEF

# Harmonies

## Analogous

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



AF656F



AA6A56



997346

# Triad

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



AA6A56



3D8869



6579AF

# Complementary

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



AA6A56



5696AA

# 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.



3181AE



AA6A56



008986

# Square

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



AA6A56



628351



00879F



8D6FA2

# Rectangle

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



AA6A56



897A43



00879F



567CB1



# Sweetspot

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



AA6A56



DEC4BD



AA5696



70615C



F0F0F0



707070



# Same Dimension

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



AA6A56



DE7A5B



AA9456



544E4C



942300



140500



# Inverse Universe

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



5696AA



5BBFDE



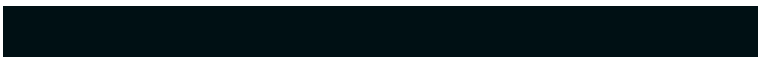
566CAA



4C5254



007194



001014



# Previews

## White Background



This preview shows how the Hex color AA6A56 looks on a white background.

## Color Contrast Check

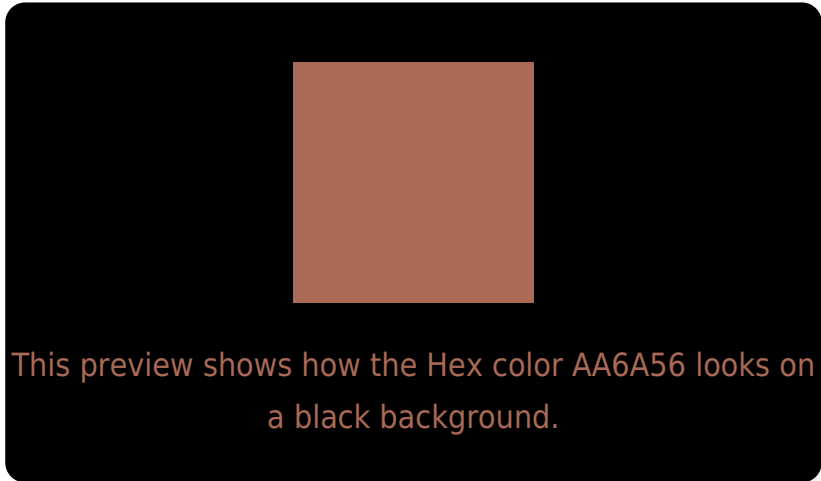
Large Text (above 18pt) WCAG AA ✓ Pass

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

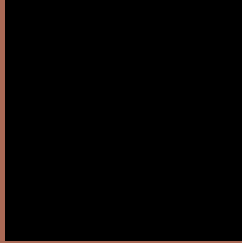
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AA6A56 Background



This preview shows how black text looks on a background with the Hex color AA6A56.



This preview shows how white text looks on a background with the Hex color AA6A56.

# 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**  
AA6A56

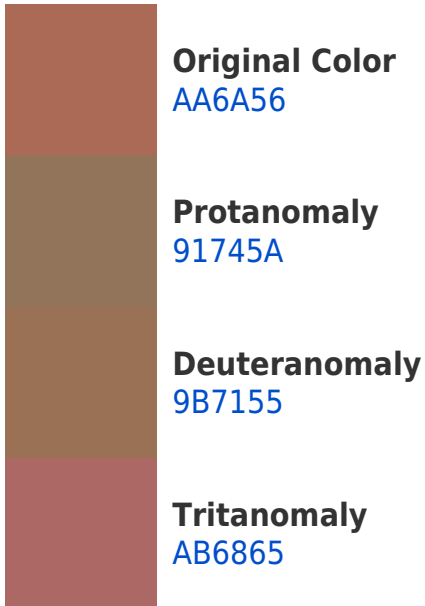
**Protanopia**  
837A5D

**Deuteranopia**  
937554



**Tritanopia**  
AC676E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA6A56 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 #AA6A56 looks like.

```
.text, #text, p{  
    color:#AA6A56  
}
```

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 #AA6A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA6A56  
}
```

## Border

The CSS property to change the border of an element to Hex AA6A56 is called "border". The border property can be set on classes, ids or directly on the HTML element.

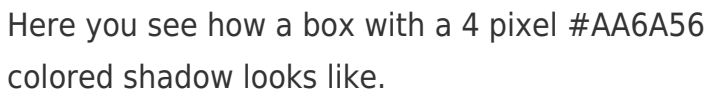
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AA6A56 }
```

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

```
.border{ border-color:#AA6A56 }
```

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



Here you see how a box with a 4 pixel `#AA6A56` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA6A56; -webkit-box-shadow:4px 4px  
4px 4px #AA6A56; box-shadow:4px 4px 4px  
4px #AA6A56 }
```

# Background

The CSS property to change the background color of an element to Hex AA6A56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA6A56 }
```

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

```
.background{ background-color:#AA6A56 }
```

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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