

# Converting Colors

Hex(A86E61)

Have a look what the booklet for  
Hex(A86E61) contains.

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**Color**

**Hex(A86E61)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A86E61
RGB	168, 110, 97
RGB Percent	66%, 43%, 38%
CMY	0.3412, 0.5686, 0.6196
CMYK	0.00, 0.35, 0.42, 0.34
HSL	11°, 29%, 52%
HSV	11°, 42%, 66%
XYZ	23.8820, 20.3398, 13.9765
YIQ	125.8600, 38.7410, 8.2530

# Conversions

## Conversions Part 2

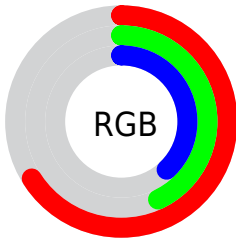
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 113, 97
Decimal	11038305
CIE <sub>Lab</sub>	52.22, 21.46, 16.73
CIE <sub>LCh</sub>	52, 27.213, 37.937
Yxy	20.3398, 0.4104, 0.3495
Android (android.graphics.Color)	4289228385 (0xFFA86E61)
YUV	125.8600, -14.2280, 36.9568
Hunter-Lab	45.0996, 15.5985, 13.1956

# Details

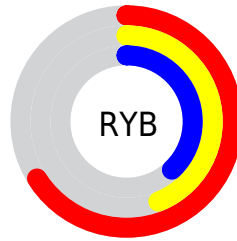
The Hex color **A86E61** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **619BA8**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **E1A294**, and **723E33** is the 20% darker color. If you saturate the color by 10%, you get **A86050**, and if you desaturate by 10%, it is **A87C72**.

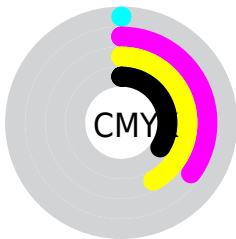
# Distribution



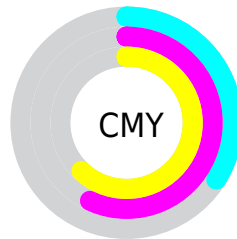
- Red (66%)
- Green (43%)
- Blue (38%)



- Red (66%)
- Yellow (44%)
- Blue (38%)



- Cyan (0%)
- Magenta (35%)
- Yellow (42%)
- Black (34%)



- Cyan (34%)
- Magenta (57%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A86E61 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 A86E61 by changing the saturation by 10% instead.





A86E61



A86E61

FFFFFF



8C5549



E1A294



723E33



FEBDAE



57271D



FFD9CA



3E1105



FFF6E6



280000



000000



A86E61



A86E61



A86050



A87C72



A8533F



A88983

 A8452F

 A89793

 A8371E

 A8A5A4

 A8290D

 A8B3B5

 A81F00

 A8C0C6

 A8CED7

 A8DCE7

 A8EAF8

# Harmonies

## Analogous

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



AA6B77



A86E61



9B7552

# Triad

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



A86E61



51886A



667DAA

# Complementary

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



A86E61



619BA8

# 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.



4184A7



A86E61



358982

# Square

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



A86E61



6D8457



298898



8874A1

# Rectangle

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



A86E61



8E7B4E



298898



5A7FAB



# Sweetspot

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



A86E61



DBC4BF



A8619C



6E5F5C



EDEDED



6E6E6E



# Same Dimension

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



A86E61



DB806B



A89061



544D4C



941B00



140400



# Inverse Universe

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



619BA8



6BC7DB



6179A8



4C5354



007994



001114



# Previews

## White Background



This preview shows how the Hex color A86E61 looks on a white background.

## Color Contrast Check

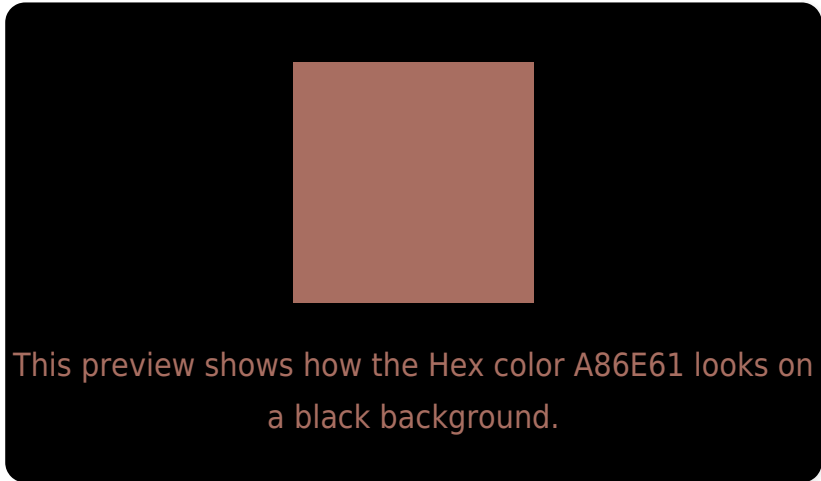
Large Text (above 18pt) WCAG AA ✓ Pass

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

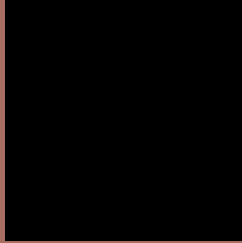
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A86E61 Background



This preview shows how black text looks on a background with the Hex color A86E61.



This preview shows how white text looks on a background with the Hex color A86E61.

# 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**  
A86E61

**Protanopia**  
847D68

**Deuteranopia**  
93785F



**Tritanopia**  
AA6B73

# Trichromacy



**Original Color**  
A86E61

**Protanomaly**  
917865

**Deuteranomaly**  
9B7460

**Tritanomaly**  
A96C6C

# Monochromacy



**Original Color**  
A86E61

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
8D7873

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A86E61 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 #A86E61 looks like.

```
.text, #text, p{  
    color:#A86E61  
}
```

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 #A86E61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A86E61  
}
```

## Border

The CSS property to change the border of an element to Hex A86E61 is called "border". The border property can be set on classes, ids or directly on the HTML element.

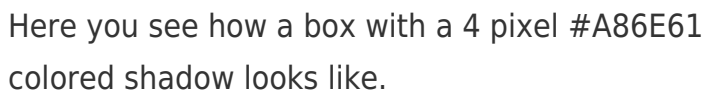
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A86E61 }
```

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

```
.border{ border-color:#A86E61 }
```

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



Here you see how a box with a 4 pixel #A86E61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A86E61; -webkit-box-shadow:4px 4px  
4px 4px #A86E61; box-shadow:4px 4px 4px  
4px #A86E61 }
```

# Background

The CSS property to change the background color of an element to Hex A86E61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A86E61 }
```

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

```
.background{ background-color:#A86E61 }
```

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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