

# Converting Colors

Hex(A86743)

Have a look what the booklet for  
Hex(A86743) contains.

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**Color**

**Hex(A86743)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A86743
RGB	168, 103, 67
RGB Percent	66%, 40%, 26%
CMY	0.3412, 0.5961, 0.7373
CMYK	0.00, 0.39, 0.60, 0.34
HSL	21°, 43%, 46%
HSV	21°, 60%, 66%
XYZ	22.0118, 18.4306, 7.7075
YIQ	118.3310, 50.2960, 2.5840

# Conversions

## Conversions Part 2

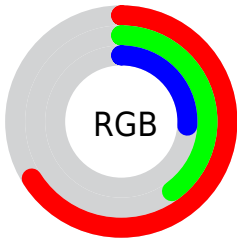
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 123, 67
Decimal	11036483
CIE Lab	50.01, 22.51, 31.08
CIE LCh	50, 38.376, 54.094
Yxy	18.4306, 0.4572, 0.3828
Android (android.graphics.Color)	4289226563 (0xFFA86743)
YUV	118.3310, -25.3062, 43.5597
Hunter-Lab	42.9308, 16.3928, 19.4071

# Details

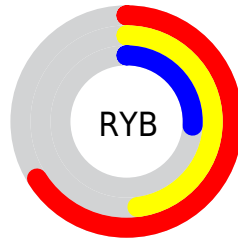
The Hex color **A86743** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4384A8**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **E29B74**, and **703716** is the 20% darker color. If you saturate the color by 10%, you get **A85C32**, and if you desaturate by 10%, it is **A87254**.

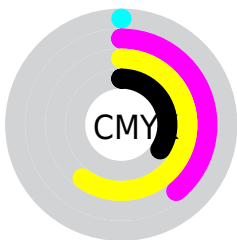
# Distribution



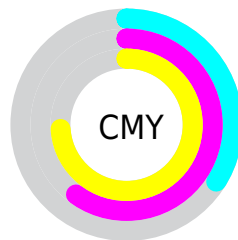
- Red (66%)
- Green (40%)
- Blue (26%)



- Red (66%)
- Yellow (48%)
- Blue (26%)



- Cyan (0%)
- Magenta (39%)
- Yellow (60%)
- Black (34%)



- Cyan (34%)
- Magenta (60%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A86743 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 A86743 by changing the saturation by 10% instead.



 A86743

 A86743

FFFFFF

 8C4F2C

 E29B74

 703716

 FFB68E

 552100

 FFD1A8

 3A0A00

 FFEEC4

 240001

 FFFFEO

 000000

FFFFFFC

 A86743

 A86743

 A85C32

 A87254

 A85121

 A87D65

 A84711

 A88775

 A83C00

 A89286

 A89D97

 A8A8A8

 A8B3B9

 A8BDC9

 A8C8DA

# Harmonies

## Analogous

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



B45D5E



A86743



907334

# Triad

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



A86743



00876F



6F71B3

# Complementary

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



A86743



4384A8

# 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.



2A7CB8



A86743



008791

# Square

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



A86743



49844F



0084AB



99649E

# Rectangle

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



A86743



7B7A35



0084AB



5D75B6



# Sweetspot

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



A86743



DBC2B4



A84385



6E5E56



EDEDED



6E6E6E



# Same Dimension

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



A86743



DB763D



A89943



544F4C



943500



140700



# Inverse Universe

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



4384A8



3DA3DB



4352A8



4C5154



005F94



000D14



# Previews

## White Background



This preview shows how the Hex color A86743 looks on a white background.

## Color Contrast Check

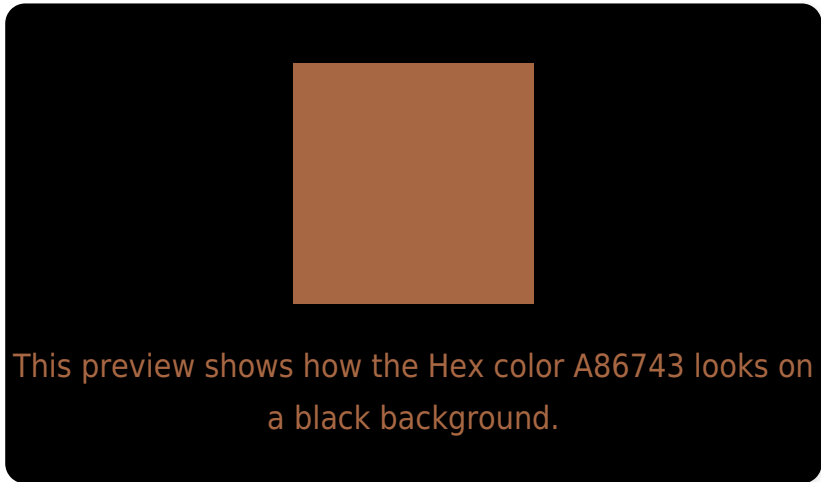
Large Text (above 18pt) WCAG AA ✓ Pass

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 A86743 Background



This preview shows how black text looks on a background with the Hex color A86743.



This preview shows how white text looks on a background with the Hex color A86743.

# 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**  
A86743

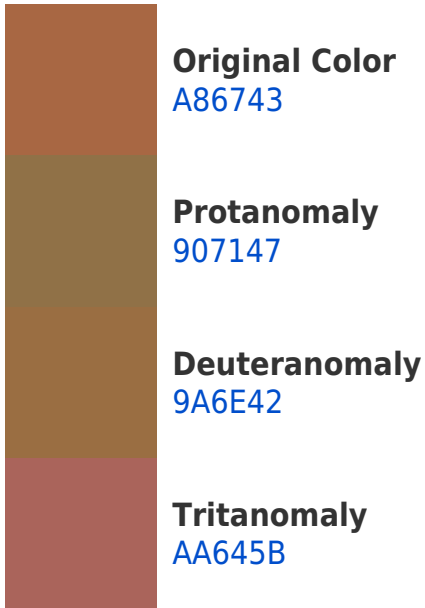
**Protanopia**  
827749

**Deuteranopia**  
927241

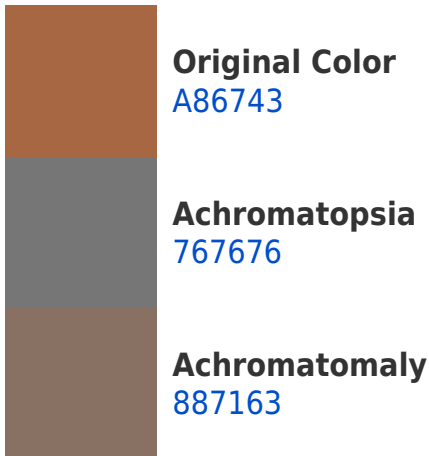


**Tritanopia**  
AB6269

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A86743 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 #A86743 looks like.

```
.text, #text, p{  
    color:#A86743  
}
```

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 #A86743 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A86743
}
```

## Border

The CSS property to change the border of an element to Hex A86743 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
#A86743 }
```

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

```
.border{ border-color:#A86743 }
```

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

Here you see how a box with a 4 pixel #A86743 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A86743; -webkit-box-shadow:4px 4px  
4px 4px #A86743; box-shadow:4px 4px 4px  
4px #A86743 }
```

# Background

The CSS property to change the background color of an element to Hex A86743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A86743 }
```

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

```
.background{ background-color:#A86743 }
```

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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