

# Converting Colors

Hex(A86342)

Have a look what the booklet for  
Hex(A86342) contains.

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**Color**

**Hex(A86342)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A86342
RGB	168, 99, 66
RGB Percent	66%, 39%, 26%
CMY	0.3412, 0.6118, 0.7412
CMYK	0.00, 0.41, 0.61, 0.34
HSL	19°, 44%, 46%
HSV	19°, 61%, 66%
XYZ	21.5937, 17.6419, 7.4214
YIQ	115.8690, 51.7170, 4.3650

# Conversions

## Conversions Part 2

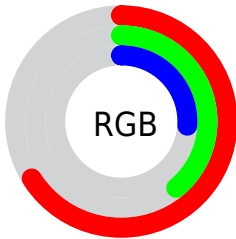
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 115, 66
Decimal	11035458
CIE <sub>Lab</sub>	49.06, 24.67, 30.47
CIE <sub>LCh</sub>	49, 39.206, 51.011
Yxy	17.6419, 0.4628, 0.3781
Android (android.graphics.Color)	4289225538 (0xFFA86342)
YUV	115.8690, -24.5854, 45.7189
Hunter-Lab	42.0022, 18.2643, 18.9256

# Details

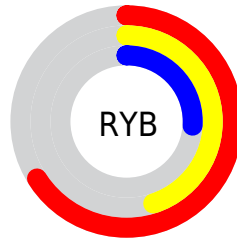
The Hex color **A86342** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4287A8**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **E29673**, and **703315** is the 20% darker color. If you saturate the color by 10%, you get **A85831**, and if you desaturate by 10%, it is **A86E53**.

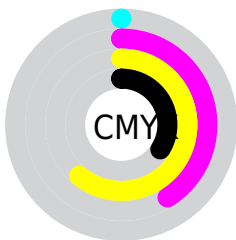
# Distribution



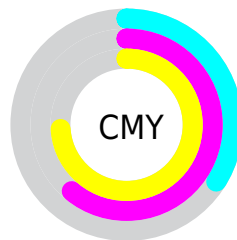
- Red (66%)
- Green (39%)
- Blue (26%)



- Red (66%)
- Yellow (45%)
- Blue (26%)



- Cyan (0%)
- Magenta (41%)
- Yellow (61%)
- Black (34%)



- Cyan (34%)
- Magenta (61%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A86342 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 A86342 by changing the saturation by 10% instead.



 A86342

 A86342

FFFFFF

 8C4B2B

 E29673

 703315

 FFB18C

 551C00

 FFCDA7

 3A0600

 FFE9C2

 220001

 FFFFDE

 000000

 FFFFFB

 A86342

 A86342

 A85831

 A86E53

 A84C20

 A87A64

 A84110

 A88574

 A83600

 A89085

 A89C96

 A8A7A7

 A8B3B8

 A8BEC8

 A8C9D9

# Harmonies

## Analogous

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



B35A5F



A86342



916F31

# Triad

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



A86342



008569



6770B3

# Complementary

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



A86342



4287A8

# 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.



0D7BB6



A86342



00858B

# Square

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



A86342



4A8149



0082A7



94639F

# Rectangle

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



A86342



7C7731



0082A7



5274B6



# Sweetspot

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



A86342



DBC1B4



A84288



6E5D56



EDEDED



6E6E6E



# Same Dimension

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



A86342



DB6F3B



A89542



544E4C



943000



140700



# Inverse Universe

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



4287A8



3BA8DB



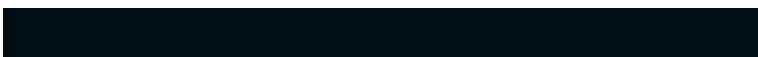
4255A8



4C5154



006494



000E14



# Previews

## White Background



This preview shows how the Hex color A86342 looks on a white background.

## Color Contrast Check

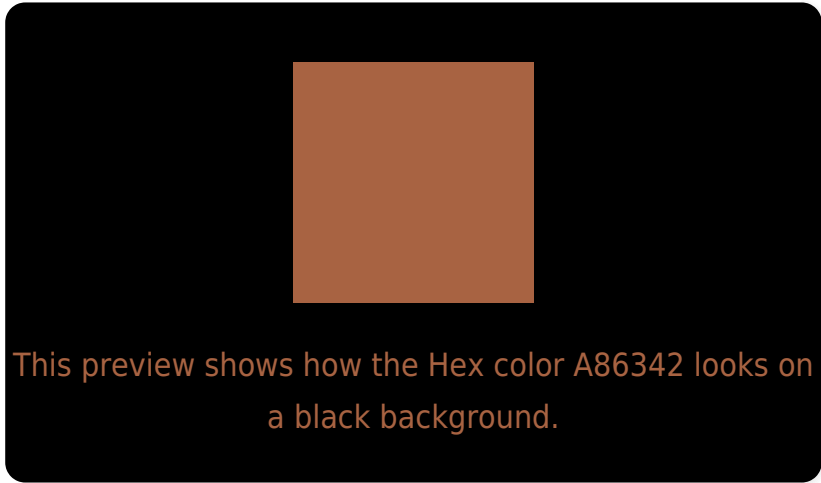
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

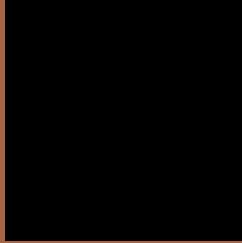
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A86342 Background



This preview shows how black text looks on a background with the Hex color A86342.



This preview shows how white text looks on a background with the Hex color A86342.

# 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**  
A86342

**Protanopia**  
807549

**Deuteranopia**  
8F703F



**Tritanopia**  
AA5F65

# Trichromacy



**Original Color**  
A86342

**Protanomaly**  
8F6E46

**Deuteranomaly**  
986B40

**Tritanomaly**  
A96058

# Monochromacy



**Original Color**  
A86342

**Achromatopsia**  
747474

**Achromatomaly**  
876E62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A86342 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 #A86342 looks like.

```
.text, #text, p{  
    color:#A86342  
}
```

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 #A86342 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A86342
}
```

## Border

The CSS property to change the border of an element to Hex A86342 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
#A86342 }
```

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

```
.border{ border-color:#A86342 }
```

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

Here you see how a box with a 4 pixel #A86342 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A86342; -webkit-box-shadow:4px 4px  
4px 4px #A86342; box-shadow:4px 4px 4px  
4px #A86342 }
```

# Background

The CSS property to change the background color of an element to Hex A86342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A86342 }
```

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

```
.background{ background-color:#A86342 }
```

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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