

Converting Colors

Hex(A86A00)

Have a look what the booklet for
Hex(A86A00) contains.

Hex(A86A00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A86A00)

Conversions

Conversions Part 1

Format	Color
Hex	A86A00
RGB	168, 106, 0
RGB Percent	66%, 42%, 0%
CMY	0.3412, 0.5843, 1.0000
CMYK	0.00, 0.37, 1.00, 0.34
HSL	38°, 100%, 33%
HSV	38°, 100%, 66%
XYZ	21.3025, 18.6329, 2.4737
YIQ	112.4540, 70.9780, -19.8220

Conversions

Conversions Part 2

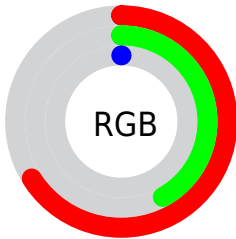
Format	Color
RYB	98, 168, 0
Decimal	11037184
CIELab	50.25, 18.13, 57.59
CIElCh	50, 60.375, 72.521
Yxy	18.6329, 0.5023, 0.4394
Android (android.graphics.Color)	4289227264 (0xFFA86A00)
YUV	112.4540, -55.4398, 48.7138
Hunter-Lab	43.1658, 12.5501, 26.8183

Details

The Hex color **A86A00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **003EA8**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **E49D3F**, and **6E3B00** is the 20% darker color. If you saturate the color by 10%, you get **A86A00**, and if you desaturate by 10%, it is **A87011**.

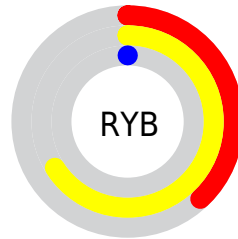
Distribution



Red (66%)

Green (42%)

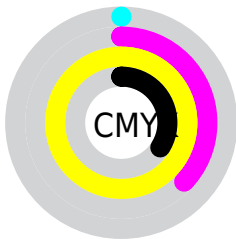
Blue (0%)



Red (38%)

Yellow (66%)

Blue (0%)

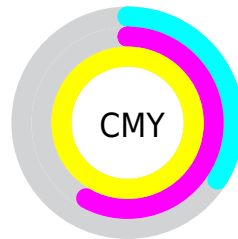


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (34%)



Cyan (34%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A86A00 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 A86A00 by changing the saturation by 10% instead.

 A86A00

 A86A00

FFFFFF

 8B5200

 E49D3F

 6E3B00

 FFB859

 522500

 FFD474

 371000

 FFF08F

 200001

 FFFFAA

 000000

 FFFFC6

 FFFFEE3

 A86A00

 A87011

 A87622

 A87D32

 A88343

 A88954

 A88F65

 A89576

 A89C86

 A8A297

Harmonies

Analogous

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



C75334



A86A00



7C7C00

Triad

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



A86A00



008F8C



9560C4

Complementary

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



A86A00



003EA8

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.



2476DD



A86A00



008DBC

Square

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



A86A00



008D57



0086DA



C44898

Rectangle

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



A86A00



578410



0086DA



7C68CF

Sweetspot

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



A86A00



DBC39A



A80040



6E5F46



EDEDED



6E6E6E

Same Dimension

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



A86A00



DB8A00



94A800



54514C



945D00



140D00

Inverse Universe

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



003EA8



0051DB



1400A8



4C4F54



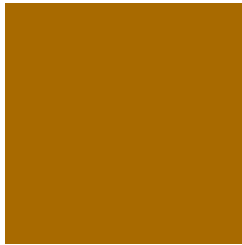
003794



000814

Previews

White Background



This preview shows how the Hex color A86A00 looks on a white background.

Color Contrast Check

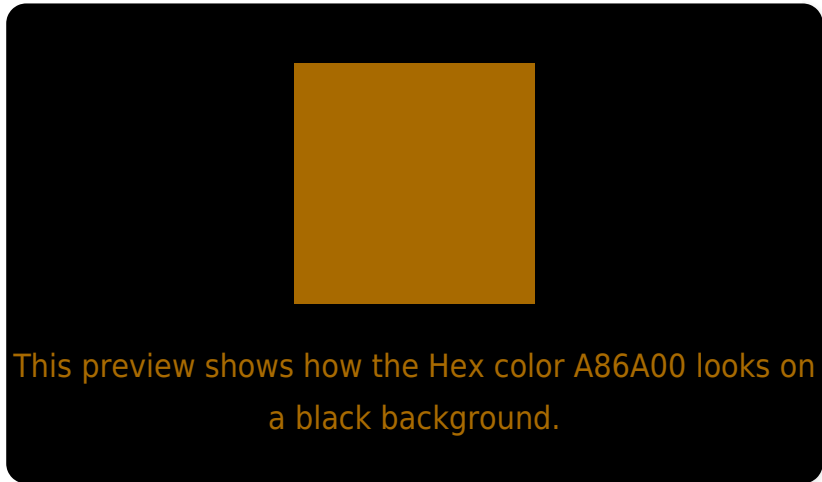
Large Text (above 18pt) WCAG AA ✓ Pass

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 A86A00 Background



This preview shows how black text looks on a background with the Hex color A86A00.



This preview shows how white text looks on a background with the Hex color A86A00.

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

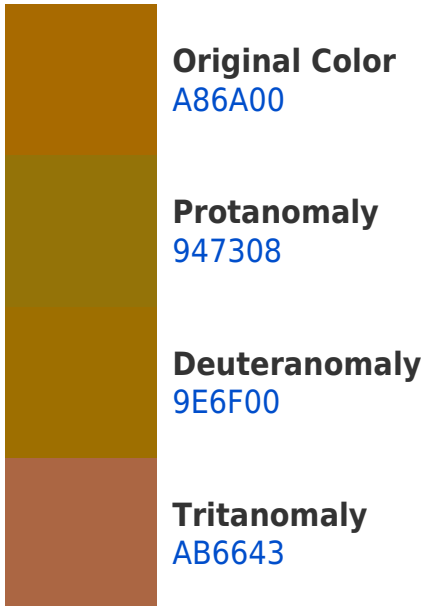


Original Color
A86A00

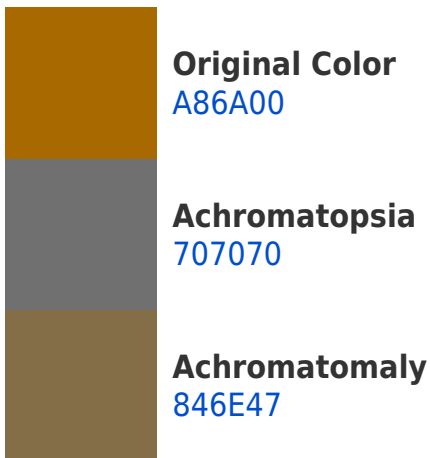
Protanopia
88780C

Deuteranopia
987200

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A86A00 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 #A86A00 looks like.

```
.text, #text, p{  
    color:#A86A00  
}
```

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 #A86A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A86A00
}
```

Border

The CSS property to change the border of an element to Hex A86A00 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
#A86A00 }
```

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

```
.border{ border-color:#A86A00 }
```

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

Here you see how a box with a 4 pixel #A86A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A86A00; -webkit-box-shadow:4px 4px  
4px 4px #A86A00; box-shadow:4px 4px 4px  
4px #A86A00 }
```

Background

The CSS property to change the background color of an element to Hex A86A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A86A00 }
```

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

```
.background{ background-color:#A86A00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor