

# Converting Colors

Hex(A86500)

Have a look what the booklet for  
Hex(A86500) contains.

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**Color**

**Hex(A86500)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A86500
RGB	168, 101, 0
RGB Percent	66%, 40%, 0%
CMY	0.3412, 0.6039, 1.0000
CMYK	0.00, 0.40, 1.00, 0.34
HSL	36°, 100%, 33%
HSV	36°, 100%, 66%
XYZ	20.8021, 17.6322, 2.3070
YIQ	109.5190, 72.3530, -17.2070

# Conversions

## Conversions Part 2

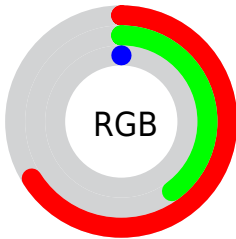
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 168, 0
Decimal	11035904
CIE <sub>Lab</sub>	49.05, 20.94, 56.81
CIE <sub>LCh</sub>	49, 60.546, 69.762
Yxy	17.6322, 0.5106, 0.4328
Android (android.graphics.Color)	4289225984 (0xFFA86500)
YUV	109.5190, -53.9929, 51.2878
Hunter-Lab	41.9907, 14.9449, 26.1361

# Details

The Hex color **A86500** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0043A8**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **E4983E**, and **6E3600** is the 20% darker color. If you saturate the color by 10%, you get **A86500**, and if you desaturate by 10%, it is **A86C11**.

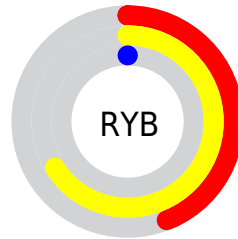
# Distribution



Red (66%)

Green (40%)

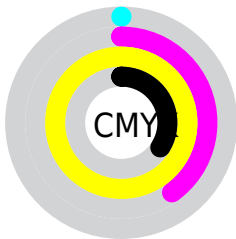
Blue (0%)



Red (44%)

Yellow (66%)

Blue (0%)

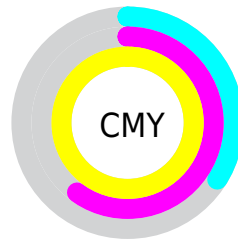


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (34%)



Cyan (34%)

Magenta (60%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A86500 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 A86500 by changing the saturation by 10% instead.



 A86500

 A86500


FFFFFFE

 8B4D00

 E4983E

 6E3600

 FF8358

 512000

 FFCF73

 360A00

 FFE88D

 1E0001

 FFFFA9

 000000

 FFFFC5

 FFFFE1

 A86500

 A86C11

 A87222

 A87932

 A88043

 A88654

 A88D65

 A89476

 A89B86

 A8A197

# Harmonies

## Analogous

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



C64E35



A86500



7D7800

# Triad

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



A86500



008C84



8B5FC4

# Complementary

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



A86500



0043A8

# 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.



0075DA



A86500



008AB5

# Square

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



A86500



008A4F



0084D5



BE4699

# Rectangle

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



A86500



5A8004



0084D5



7067CE



# Sweetspot

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



A86500



DBC19A



A80043



6E5E46



EDEDED



6E6E6E



# Same Dimension

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



A86500



DB8400



97A800



54514C



945900



140C00



# Inverse Universe

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



0043A8



0057DB



1100A8



4C4F54



003B94

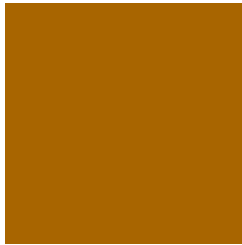


000814



# Previews

## White Background



This preview shows how the Hex color A86500 looks on a white background.

## Color Contrast Check

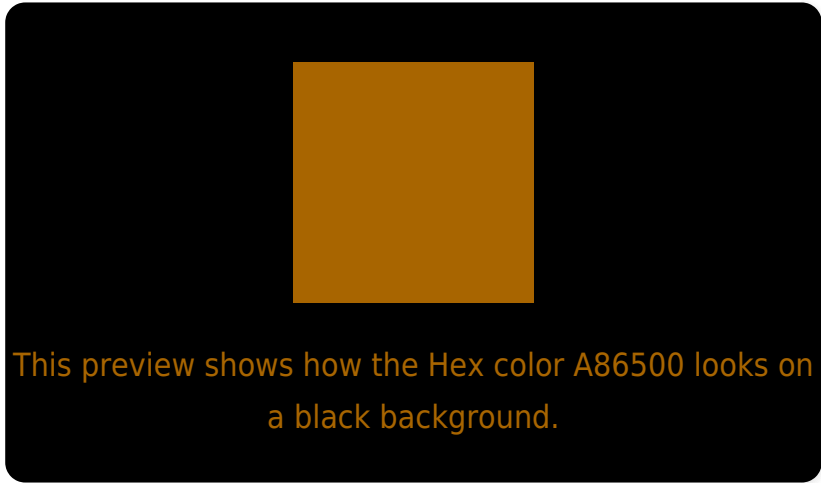
Large Text (above 18pt) WCAG AA ✓ Pass

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 A86500 Background



This preview shows how black text looks on a background with the Hex color A86500.



This preview shows how white text looks on a background with the Hex color A86500.

# 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



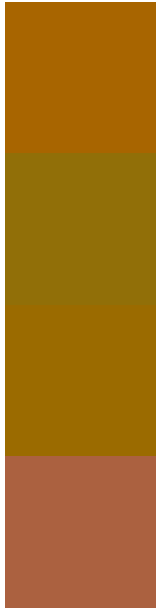
**Original Color**  
A86500

**Protanopia**  
84750D

**Deuteranopia**  
946F00



# Trichromacy



**Original Color**  
A86500

**Protanomaly**  
916F08

**Deuteranomaly**  
9B6B00

**Tritanomaly**  
AB6140

# Monochromacy



**Original Color**  
A86500

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
836B46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A86500 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 #A86500 looks like.

```
.text, #text, p{  
    color:#A86500  
}
```

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 #A86500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A86500  
}
```

## Border

The CSS property to change the border of an element to Hex A86500 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  
#A86500 }
```

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

```
.border{ border-color:#A86500 }
```

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

Here you see how a box with a 4 pixel #A86500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A86500; -webkit-box-shadow:4px 4px  
4px 4px #A86500; box-shadow:4px 4px 4px  
4px #A86500 }
```

# Background

The CSS property to change the background color of an element to Hex A86500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A86500 }
```

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

```
.background{ background-color:#A86500 }
```

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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