

# Converting Colors

Hex(A85500)

Have a look what the booklet for  
Hex(A85500) contains.

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**Color**

**Hex(A85500)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A85500
RGB	168, 85, 0
RGB Percent	66%, 33%, 0%
CMY	0.3412, 0.6667, 1.0000
CMYK	0.00, 0.49, 1.00, 0.34
HSL	30°, 100%, 33%
HSV	30°, 100%, 66%
XYZ	19.3969, 14.8218, 1.8386
YIQ	100.1270, 76.7530, -8.8390

# Conversions

## Conversions Part 2

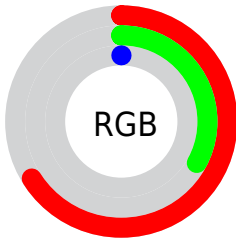
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 168, 0
Decimal	11031808
CIELab	45.39, 29.77, 54.53
CIElCh	45, 62.128, 61.372
Yxy	14.8218, 0.5379, 0.4111
Android (android.graphics.Color)	4289221888 (0xFFA85500)
YUV	100.1270, -49.3626, 59.5246
Hunter-Lab	38.4991, 22.5599, 24.1179

# Details

The Hex color **A85500** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0053A8**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **E5883B**, and **6D2500** is the 20% darker color. If you saturate the color by 10%, you get **A85500**, and if you desaturate by 10%, it is **A85D11**.

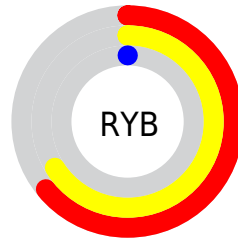
# Distribution



Red (66%)

Green (33%)

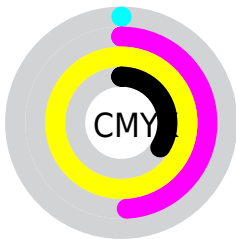
Blue (0%)



Red (64%)

Yellow (66%)

Blue (0%)

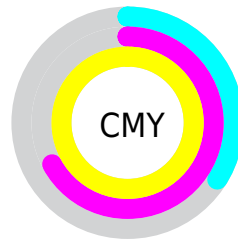


Cyan (0%)

Magenta (49%)

Yellow (100%)

Black (34%)



Cyan (34%)

Magenta (67%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A85500 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 A85500 by changing the saturation by 10% instead.



 A85500

 A85500

 FFFFFFF9

 8A3D00

 E5883B

 6D2500

 FFA255

 500D00

 FFBE6E

 350000

 FFDA89

 160000

 FFF6A4

 000000

 FFFFC0

 FFFFDC

 A85500

 A85D11

 A86622

 A86E32

 A87643

 A87E54

 A88765

 A88F76

 A89786

 A8A097

# Harmonies

## Analogous

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



C13B39



A85500



806A00

# Triad

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



A85500



00826C



6A5CC5

# Complementary

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



A85500



0053A8

# 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.



0071D4



A85500



0082A0

# Square

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



A85500



007F36



007DC7



AA419E

# Rectangle

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



A85500



5F7400



007DC7



4464CD



# Sweetspot

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



A85500



DBBB9A



A80054



6E5A46



EDEDED



6E6E6E



# Same Dimension

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



A85500



DB6F00



A8A800



54504C



944B00



140A00



# Inverse Universe

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



0053A8



006CDB



0000A8



4C5054



004994

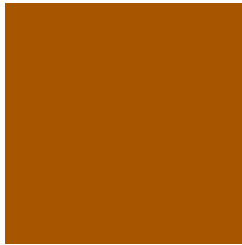


000A14



# Previews

## White Background



This preview shows how the Hex color A85500 looks on a white background.

## Color Contrast Check

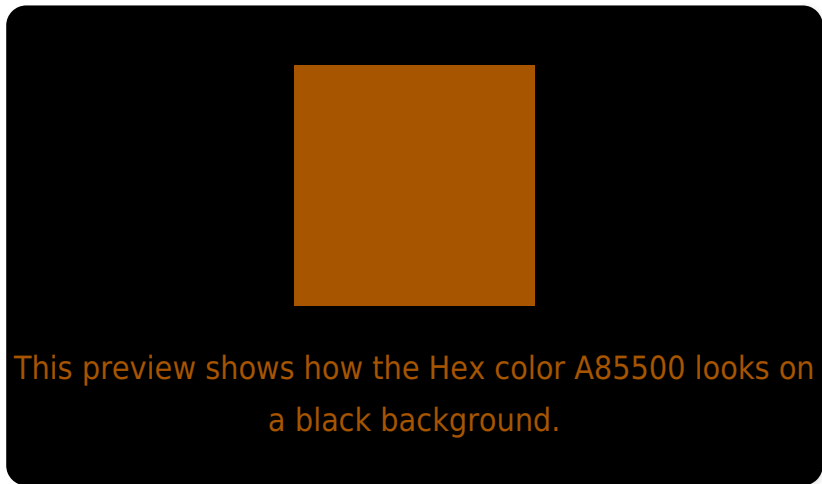
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A85500 Background



This preview shows how black text looks on a background with the Hex color A85500.



This preview shows how white text looks on a background with the Hex color A85500.

# 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**  
A85500

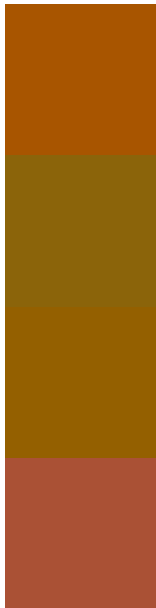
**Protanopia**  
7A6C0F

**Deuteranopia**  
896700



**Tritanopia**  
AB4F54

# Trichromacy



**Original Color**  
A85500

**Protanomaly**  
8B640A

**Deuteranomaly**  
946000

**Tritanomaly**  
AA5135

# Monochromacy



**Original Color**  
A85500

**Achromatopsia**  
646464

**Achromatomaly**  
7D5F40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A85500 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 #A85500 looks like.

```
.text, #text, p{  
    color:#A85500  
}
```

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 #A85500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A85500
}
```

## Border

The CSS property to change the border of an element to Hex A85500 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
#A85500 }
```

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

```
.border{ border-color:#A85500 }
```

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

Here you see how a box with a 4 pixel #A85500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A85500; -webkit-box-shadow:4px 4px  
4px 4px #A85500; box-shadow:4px 4px 4px  
4px #A85500 }
```

# Background

The CSS property to change the background color of an element to Hex A85500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A85500 }
```

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

```
.background{ background-color:#A85500 }
```

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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