

# Converting Colors

Hex(A73500)

Have a look what the booklet for  
Hex(A73500) contains.

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**Color**

**Hex(A73500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A73500
RGB	167, 53, 0
RGB Percent	65%, 21%, 0%
CMY	0.3451, 0.7922, 1.0000
CMYK	0.00, 0.68, 1.00, 0.35
HSL	19°, 100%, 33%
HSV	19°, 100%, 65%
XYZ	17.2095, 10.7617, 1.1702
YIQ	81.0440, 84.9570, 7.6850

# Conversions

## Conversions Part 2

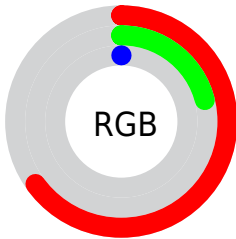
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 78, 0
Decimal	10958080
CIE Lab	39.18, 45.04, 51.00
CIE LCh	39, 68.036, 48.550
Yxy	10.7617, 0.5906, 0.3693
Android (android.graphics.Color)	4289148160 (0xFFA73500)
YUV	81.0440, -39.9547, 75.3834
Hunter-Lab	32.8050, 36.2320, 20.8486

# Details

The Hex color **A73500** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0072A7**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **E56A35**, and **6A0000** is the 20% darker color. If you saturate the color by 10%, you get **A73500**, and if you desaturate by 10%, it is **A74011**.

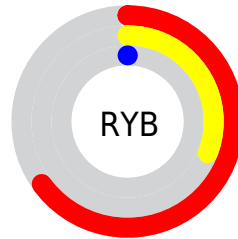
# Distribution



Red (65%)

Green (21%)

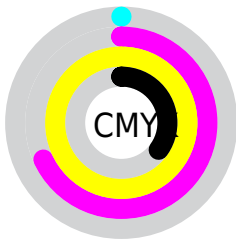
Blue (0%)



Red (65%)

Yellow (31%)

Blue (0%)

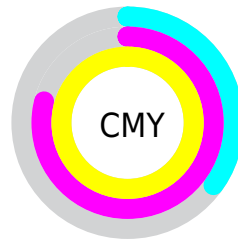


Cyan (0%)

Magenta (68%)

Yellow (100%)

Black (35%)



Cyan (35%)

Magenta (79%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A73500 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 A73500 by changing the saturation by 10% instead.



 A73500

 A73500

 FFFFEF

 891800

 E56A35

 6A0000

 FF844E

 4D0000

 FF9F67

 330002

 FFBB81

 000000

 FFD89B

 FFF5B7

 FFFFD3

 A73500

 A74011

 A74C21

 A75732

 A76343

 A76E53

 A77964

 A78575

 A79086

 A79C96

# Harmonies

## Analogous

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



BA023D



A73500



835200

# Triad

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



A73500



007244



0057C7

# Complementary

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



A73500



0072A7

# 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.



0069CA



A73500



00737E

# Square

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



A73500



006E00



0072AF



8738A7

# Rectangle

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



A73500



635F00



0072AF



005FCC



# Sweetspot

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



A73500



D9AC98



A70072



6E5346



EDEDED



6E6E6E



# Same Dimension

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



A73500



D94500



A78800



544E4C



942F00



140600



# Inverse Universe

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



0072A7



0094D9



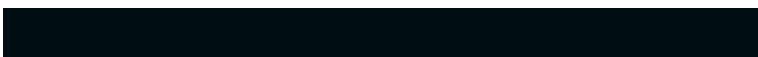
001FA7



4C5154



006594



000E14



# Previews

## White Background



This preview shows how the Hex color A73500 looks on a white background.

## Color Contrast Check

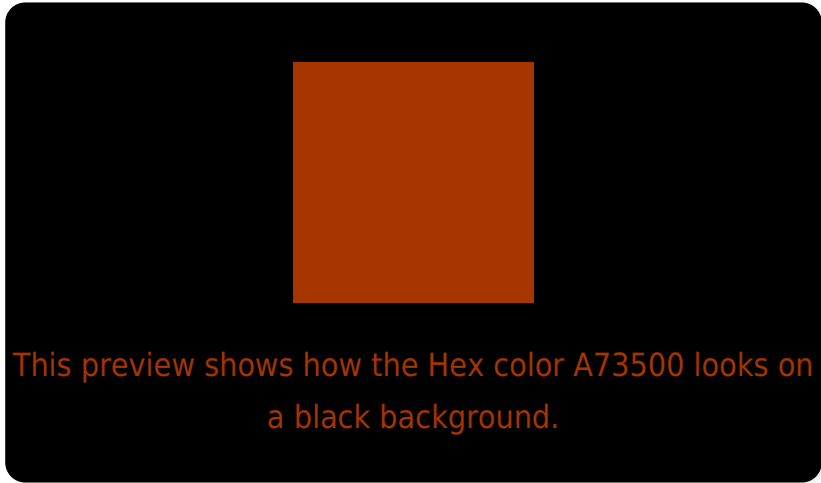
Large Text (above 18pt) WCAG AA ✓ Pass

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 A73500 Background



This preview shows how black text looks on a background with the Hex color A73500.



This preview shows how white text looks on a background with the Hex color A73500.

# 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**  
A73500

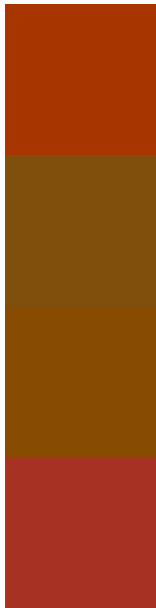
**Protanopia**  
695E12

**Deuteranopia**  
765900



**Tritanopia**  
A83134

# Trichromacy



**Original Color**  
A73500

**Protanomaly**  
804F0B

**Deuteranomaly**  
884C00

**Tritanomaly**  
A83221

# Monochromacy



**Original Color**  
A73500

**Achromatopsia**  
515151

**Achromatomaly**  
704734

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A73500 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 #A73500 looks like.

```
.text, #text, p{  
    color:#A73500  
}
```

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 #A73500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A73500
}
```

## Border

The CSS property to change the border of an element to Hex A73500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

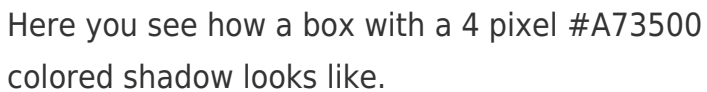
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A73500 }
```

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

```
.border{ border-color:#A73500 }
```

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



Here you see how a box with a 4 pixel #A73500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A73500; -webkit-box-shadow:4px 4px  
4px 4px #A73500; box-shadow:4px 4px 4px  
4px #A73500 }
```

# Background

The CSS property to change the background color of an element to Hex A73500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A73500 }
```

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

```
.background{ background-color:#A73500 }
```

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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