

# Converting Colors

Hex(734500)

Have a look what the booklet for  
Hex(734500) contains.

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**Color**

**Hex(734500)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	734500
RGB	115, 69, 0
RGB Percent	45%, 27%, 0%
CMY	0.5490, 0.7294, 1.0000
CMYK	0.00, 0.40, 1.00, 0.55
HSL	36°, 100%, 23%
HSV	36°, 100%, 45%
XYZ	9.1984, 7.9011, 1.0403
YIQ	74.8880, 49.5650, -11.7070

# Conversions

## Conversions Part 2

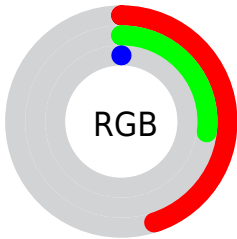
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 115, 0
Decimal	7554304
CIELab	33.78, 15.01, 43.38
CIELCh	34, 45.905, 70.918
Yxy	7.9011, 0.5071, 0.4356
Android (android.graphics.Color)	4285744384 (0xFF734500)
YUV	74.8880, -36.9198, 35.1782
Hunter-Lab	28.1089, 9.2219, 17.4820

# Details

The Hex color **734500** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002E73**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **AC7534**, and **3D1A00** is the 20% darker color. If you saturate the color by 10%, you get **734500**, and if you desaturate by 10%, it is **734A0B**.

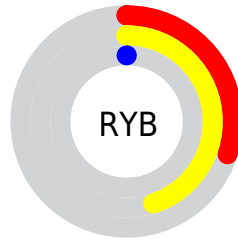
# Distribution



Red (45%)

Green (27%)

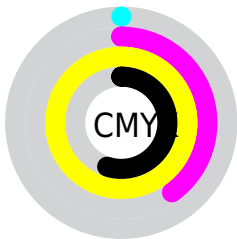
Blue (0%)



Red (30%)

Yellow (45%)

Blue (0%)

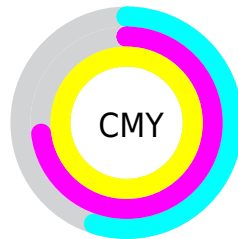


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (55%)



Cyan (55%)

Magenta (73%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 734500 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 734500 by changing the saturation by 10% instead.



 734500

 734500

 FFFFEE

 582F00

 AC7534

 3D1A00

 C98F4D

 250100

 E6A966

 000000

 FFC57F

 FFE19A

 FFFDB5

 FFFFD1

 734500

 734A0B

 734E17

 735323

 73572E

 735C3A

 736145

 736551

 736A5C

 736E68

# Harmonies

## Analogous

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



893521



734500



545200

# Triad

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



734500



00605C



613F87

# Complementary

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



734500



002E73

# 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.



024F97



734500



005F7E

# Square

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



734500



005F36



005A94



842E68

# Rectangle

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



734500



3B5804



005A94



4F458E



# Sweetspot

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



734500



968469



73002E



4D4131



CCCCCC



4D4D4D



# Same Dimension

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



734500



965A00



687300



3B3835



7A4900



FA9600



# Inverse Universe

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



002E73



003C96



0B0073



35373B



00317A

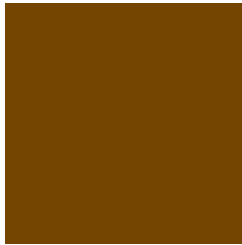


0064FA



# Previews

## White Background



This preview shows how the Hex color 734500 looks on a white background.

## Color Contrast Check

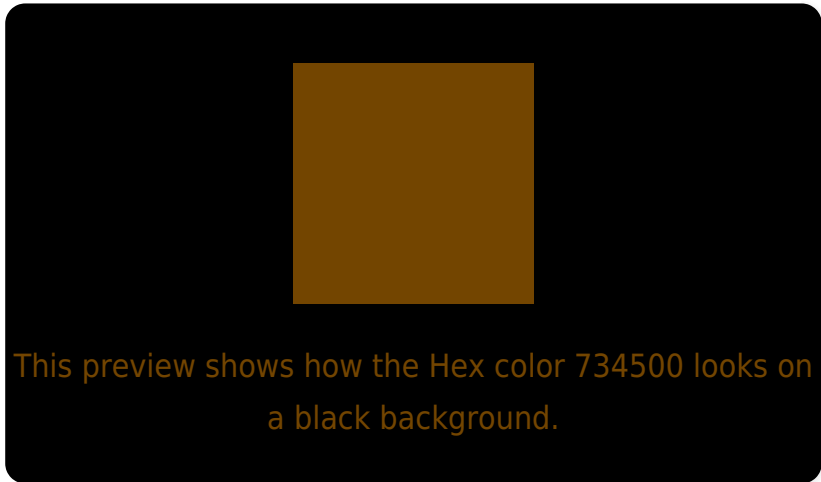
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

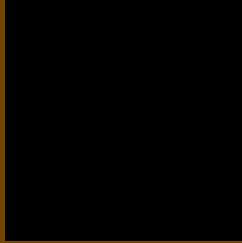
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 734500 Background



This preview shows how black text looks on a background with the Hex color 734500.



This preview shows how white text looks on a background with the Hex color 734500.

# 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**  
734500

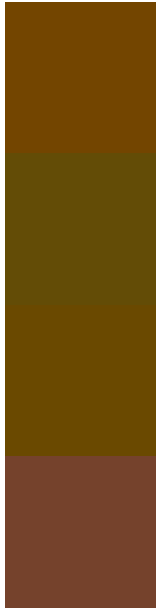
**Protanopia**  
5A5009

**Deuteranopia**  
654C00



**Tritanopia**  
764045

# Trichromacy



**Original Color**  
734500

**Protanomaly**  
634C06

**Deuteranomaly**  
6A4900

**Tritanomaly**  
75422C

# Monochromacy



**Original Color**  
734500

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
5A4930

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 734500 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 #734500 looks like.

```
.text, #text, p{  
    color:#734500  
}
```

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 #734500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #734500
}
```

## Border

The CSS property to change the border of an element to Hex 734500 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
#734500 }
```

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

```
.border{ border-color:#734500 }
```

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

Here you see how a box with a 4 pixel #734500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #734500; -webkit-box-shadow:4px 4px  
4px 4px #734500; box-shadow:4px 4px 4px  
4px #734500 }
```

# Background

The CSS property to change the background color of an element to Hex 734500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#734500 }
```

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

```
.background{ background-color:#734500 }
```

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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