

# Converting Colors

Hex(714500)

Have a look what the booklet for  
Hex(714500) contains.

<b>Hex(714500)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(714500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	714500
RGB	113, 69, 0
RGB Percent	44%, 27%, 0%
CMY	0.5569, 0.7294, 1.0000
CMYK	0.00, 0.39, 1.00, 0.56
HSL	37°, 100%, 22%
HSV	37°, 100%, 44%
XYZ	8.9382, 7.7670, 1.0281
YIQ	74.2900, 48.3730, -12.1310

# Conversions

## Conversions Part 2

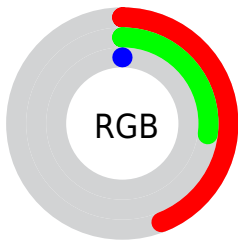
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 113, 0
Decimal	7423232
CIELab	33.49, 14.04, 43.06
CIELCh	33, 45.292, 71.938
Yxy	7.7670, 0.5040, 0.4380
Android (android.graphics.Color)	4285613312 (0xFF714500)
YUV	74.2900, -36.6250, 33.9487
Hunter-Lab	27.8693, 8.4770, 17.3213

# Details

The Hex color **714500** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002C71**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **A97534**, and **3B1A00** is the 20% darker color. If you saturate the color by 10%, you get **714500**, and if you desaturate by 10%, it is **71490B**.

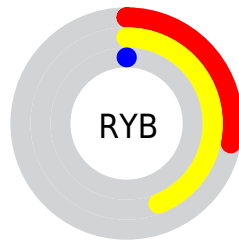
# Distribution



Red (44%)

Green (27%)

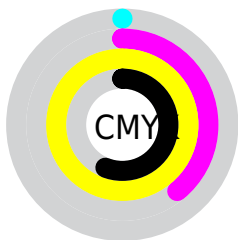
Blue (0%)



Red (28%)

Yellow (44%)

Blue (0%)

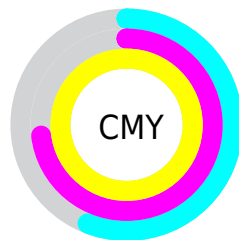


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (56%)



Cyan (56%)

Magenta (73%)

Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 714500 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 714500 by changing the saturation by 10% instead.



 714500

 714500

 FFFFEE

 562F00

 A97534

 3B1A00

 C68F4C

 230100

 E4A965


 000000

 FFC57F

 FFE19A

 FFFDB5

 FFFFD1


 714500


 71490B


 714E17


 715222


 71572D

 715B39

 715F44

 71644F

 71685A

 716D66

# Harmonies

## Analogous

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



873520



714500



525200

# Triad

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



714500



005F5D



623E85

# Complementary

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



714500



002C71

# 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.



0F4E95



714500



005E7E

# Square

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



714500



005E37



005993



842E66

# Rectangle

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



714500



395706



005993



50448C



# Sweetspot

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



714500



948368



71002D



4A402F



C9C9C9



4A4A4A



# Same Dimension

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



714500



945A00



667100



383632



784900



F79700



# Inverse Universe

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



002C71



003A94



0B0071



323538



002F78

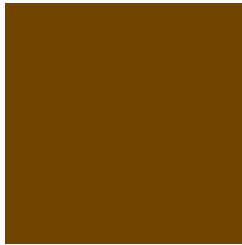


0060F7



# Previews

## White Background



This preview shows how the Hex color 714500 looks on a white background.

## Color Contrast Check

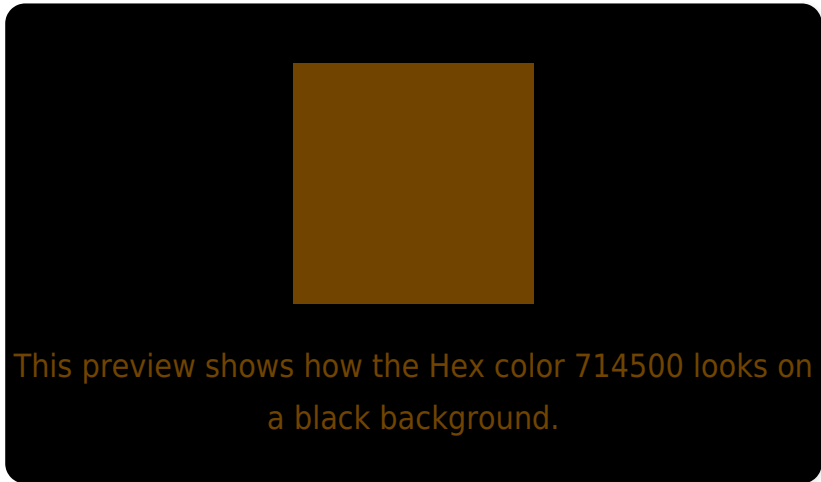
Large Text (above 18pt) WCAG AA ✓ Pass

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 714500 Background



This preview shows how black text looks on a background with the Hex color 714500.



This preview shows how white text looks on a background with the Hex color 714500.

# 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**  
714500

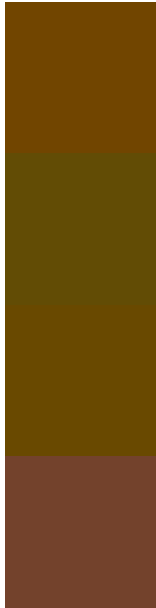
**Protanopia**  
5A5008

**Deuteranopia**  
644B00



**Tritanopia**  
744045

# Trichromacy



**Original Color**  
714500

**Protanomaly**  
624C05

**Deuteranomaly**  
694900

**Tritanomaly**  
73422C

# Monochromacy



**Original Color**  
714500

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
58482F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 714500 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 #714500 looks like.

```
.text, #text, p{  
    color:#714500  
}
```

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 #714500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #714500
}
```

## Border

The CSS property to change the border of an element to Hex 714500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

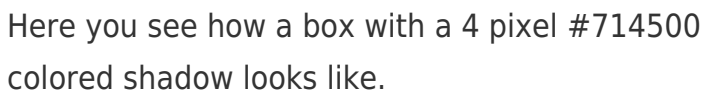
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#714500 }
```

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

```
.border{ border-color:#714500 }
```

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



Here you see how a box with a 4 pixel #714500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #714500; -webkit-box-shadow:4px 4px  
4px 4px #714500; box-shadow:4px 4px 4px  
4px #714500 }
```

# Background

The CSS property to change the background color of an element to Hex 714500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#714500 }
```

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

```
.background{ background-color:#714500 }
```

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