

# Converting Colors

Hex(764500)

Have a look what the booklet for  
Hex(764500) contains.

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**Color**

**Hex(764500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	764500
RGB	118, 69, 0
RGB Percent	46%, 27%, 0%
CMY	0.5373, 0.7294, 1.0000
CMYK	0.00, 0.42, 1.00, 0.54
HSL	35°, 100%, 23%
HSV	35°, 100%, 46%
XYZ	9.5993, 8.1078, 1.0590
YIQ	75.7850, 51.3530, -11.0710

# Conversions

## Conversions Part 2

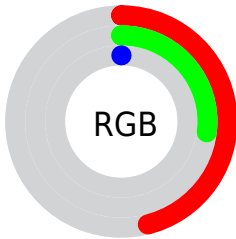
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 118, 0
Decimal	7750912
CIELab	34.21, 16.44, 43.87
CIELCh	34, 46.850, 69.457
Yxy	8.1078, 0.5115, 0.4320
Android (android.graphics.Color)	4285940992 (0xFF764500)
YUV	75.7850, -37.3620, 37.0226
Hunter-Lab	28.4742, 10.3468, 17.7268

# Details

The Hex color **764500** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **003176**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **AF7534**, and **401900** is the 20% darker color. If you saturate the color by 10%, you get **764500**, and if you desaturate by 10%, it is **764A0C**.

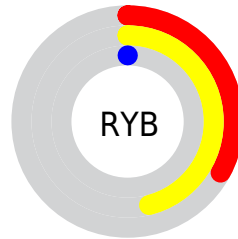
# Distribution



Red (46%)

Green (27%)

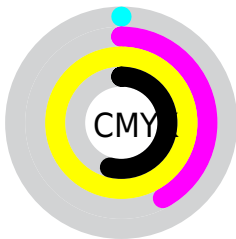
Blue (0%)



Red (33%)

Yellow (46%)

Blue (0%)

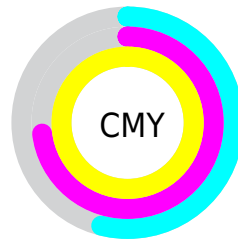


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (54%)



Cyan (54%)

Magenta (73%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 764500 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 764500 by changing the saturation by 10% instead.



 764500

 764500

 FFFFEE

 5B2E00

 AF7534

 401900

 CC8F4D

 270200

 EAAA66

 000000

 FFC580

 FFE19A

 FFFDB6

 FFFFD1

 764500

 764A0C

 764F18

 765423

 76592F

 765D3B

 766247

 766753

 766C5E

 76716A

# Harmonies

## Analogous

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



8B3423



764500



575300

# Triad

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



764500



00615C



60418A

# Complementary

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



764500



003176

# 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.



00519A



764500



00607F

# Square

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



764500



006035



005B96



852F6B

# Rectangle

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



764500



3D5901



005B96



4D4792



# Sweetspot

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



764500



99866B



760031



4D4131



CCCCCC



4D4D4D



# Same Dimension

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



764500



995900



6C7600



3B3835



7A4800



FA9200



# Inverse Universe

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



003176



004099



0A0076



35373B



00337A

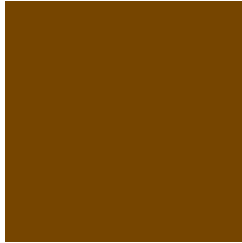


0068FA



# Previews

## White Background



This preview shows how the Hex color 764500 looks on a white background.

## Color Contrast Check

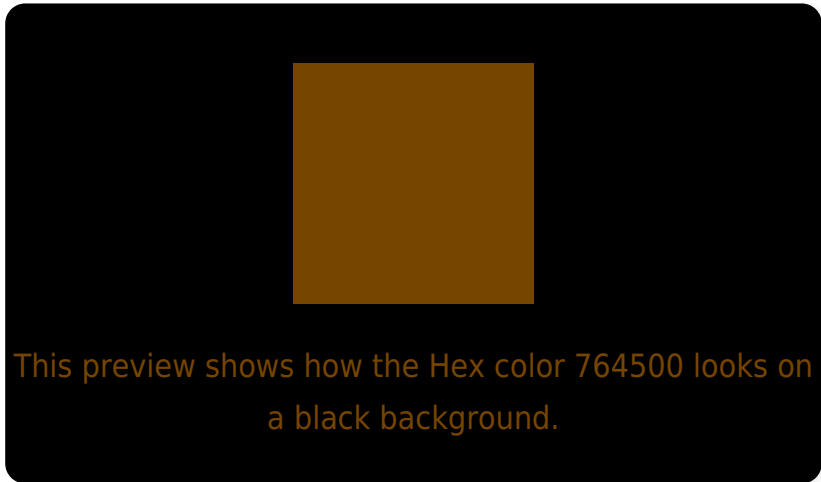
Large Text (above 18pt) WCAG AA ✓ Pass

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 764500 Background



This preview shows how black text looks on a background with the Hex color 764500.



This preview shows how white text looks on a background with the Hex color 764500.

# 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**  
764500

**Protanopia**  
5C5109

**Deuteranopia**  
674D00



**Tritanopia**  
784045

# Trichromacy



**Original Color**  
764500

**Protanomaly**  
654D06

**Deuteranomaly**  
6C4A00

**Tritanomaly**  
77422C

# Monochromacy



**Original Color**  
764500

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
5B4930

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 764500 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 #764500 looks like.

```
.text, #text, p{  
    color:#764500  
}
```

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 #764500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #764500
}
```

## Border

The CSS property to change the border of an element to Hex 764500 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
#764500 }
```

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

```
.border{ border-color:#764500 }
```

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

Here you see how a box with a 4 pixel #764500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #764500; -webkit-box-shadow:4px 4px  
4px 4px #764500; box-shadow:4px 4px 4px  
4px #764500 }
```

# Background

The CSS property to change the background color of an element to Hex 764500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#764500 }
```

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

```
.background{ background-color:#764500 }
```

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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