

# Converting Colors

Hex(814500)

Have a look what the booklet for  
Hex(814500) contains.

<b>Hex(814500)</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(814500)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	814500
RGB	129, 69, 0
RGB Percent	51%, 27%, 0%
CMY	0.4941, 0.7294, 1.0000
CMYK	0.00, 0.47, 1.00, 0.49
HSL	32°, 100%, 25%
HSV	32°, 100%, 51%
XYZ	11.1814, 8.9234, 1.1331
YIQ	79.0740, 57.9090, -8.7390

# Conversions

## Conversions Part 2

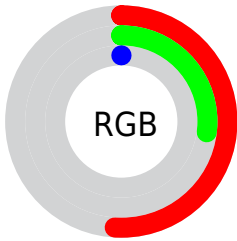
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 129, 0
Decimal	8471808
CIE <sub>Lab</sub>	35.84, 21.56, 45.71
CIE <sub>LCh</sub>	36, 50.539, 64.746
Yxy	8.9234, 0.5265, 0.4202
Android (android.graphics.Color)	4286661888 (0xFF814500)
YUV	79.0740, -38.9835, 43.7851
Hunter-Lab	29.8720, 14.5383, 18.6615

# Details

The Hex color **814500** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **003C81**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **BB7635**, and **491800** is the 20% darker color. If you saturate the color by 10%, you get **814500**, and if you desaturate by 10%, it is **814B0D**.

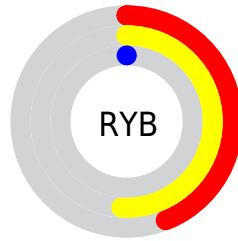
# Distribution



Red (51%)

Green (27%)

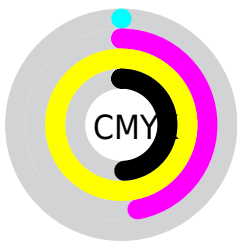
Blue (0%)



Red (44%)

Yellow (51%)

Blue (0%)

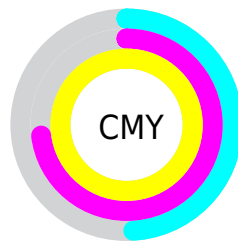


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (49%)



Cyan (49%)

Magenta (73%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 814500 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 814500 by changing the saturation by 10% instead.



 814500

 814500

 FFFFEF

 652E00

 BB7635

 491800

 D9904E

 2F0200

 F7AA67

 090000


 FFC681

 000000


 FFE29B


 FFFEB7


 FFFFD3

 814500


 814B0D

 81511A

 815727


 815D34

 816341

 81694D

 816F5A

 817567

 817B74

# Harmonies

## Analogous

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



963228



814500



615500

# Triad

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



814500



00665A



5C4697

# Complementary

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



814500



003C81

# 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.



0057A6



814500



006682

# Square

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



814500



006430



00619E



893278

# Rectangle

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



814500



465C00



00619E



434D9E



# Sweetspot

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



814500



A89176



81003C



544636



D4D4D4



545454



# Same Dimension

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



814500



A85A00



7D8100



403D39



804400



000000



# Inverse Universe

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



003C81



004EA8



040081



393C40



003B80

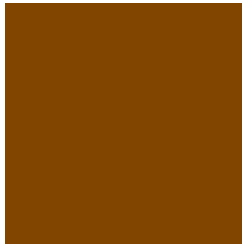


000000



# Previews

## White Background



This preview shows how the Hex color 814500 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 814500 Background



This preview shows how black text looks on a background with the Hex color 814500.



This preview shows how white text looks on a background with the Hex color 814500.

# 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**  
814500

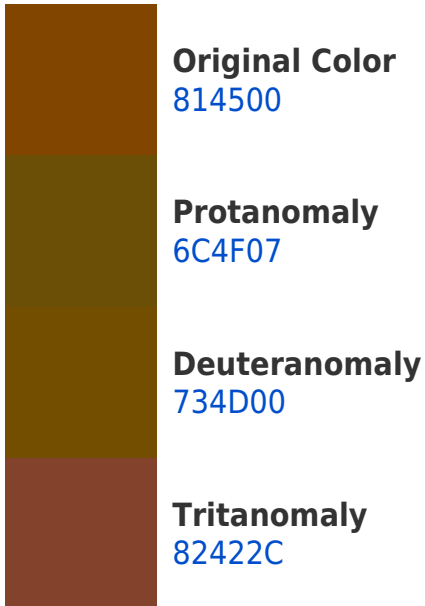
**Protanopia**  
60550B

**Deuteranopia**  
6B5100

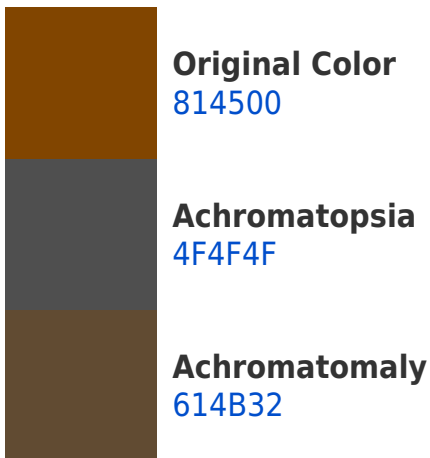


**Tritanopia**  
834045

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 814500 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 #814500 looks like.

```
.text, #text, p{  
    color:#814500  
}
```

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 #814500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #814500
}
```

## Border

The CSS property to change the border of an element to Hex 814500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

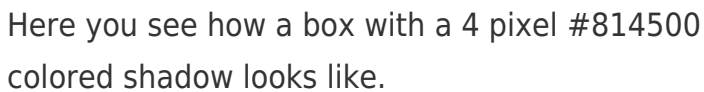
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#814500 }
```

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

```
.border{ border-color:#814500 }
```

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



Here you see how a box with a 4 pixel #814500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #814500; -webkit-box-shadow:4px 4px  
4px 4px #814500; box-shadow:4px 4px 4px  
4px #814500 }
```

# Background

The CSS property to change the background color of an element to Hex 814500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#814500 }
```

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

```
.background{ background-color:#814500 }
```

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