

# Converting Colors

Hex(815505)

Have a look what the booklet for  
Hex(815505) contains.

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**Color**

**Hex(815505)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	815505
RGB	129, 85, 5
RGB Percent	51%, 33%, 2%
CMY	0.4941, 0.6667, 0.9804
CMYK	0.00, 0.34, 0.96, 0.49
HSL	39°, 93%, 26%
HSV	39°, 96%, 51%
XYZ	12.3292, 11.1751, 1.6508
YIQ	89.0360, 51.9040, -15.5520

# Conversions

## Conversions Part 2

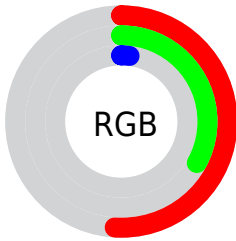
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 129, 5
Decimal	8475909
CIE Lab	39.87, 12.27, 46.83
CIE LCh	40, 48.415, 75.319
Yxy	11.1751, 0.4901, 0.4442
Android (android.graphics.Color)	4286665989 (0xFF815505)
YUV	89.0360, -41.4297, 35.0484
Hunter-Lab	33.4292, 7.3324, 20.4726

# Details

The Hex color **815505** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **053181**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **BA873C**, and **4A2800** is the 20% darker color. If you saturate the color by 10%, you get **815300**, and if you desaturate by 10%, it is **815A12**.

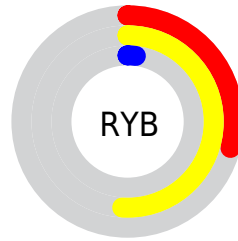
# Distribution



Red (51%)

Green (33%)

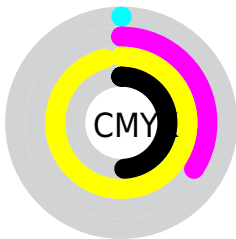
Blue (2%)



Red (29%)

Yellow (51%)

Blue (2%)

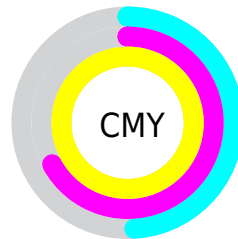


Cyan (0%)

Magenta (34%)

Yellow (96%)

Black (49%)



Cyan (49%)

Magenta (67%)


Yellow (98%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 815505 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 815505 by changing the saturation by 10% instead.



 815505

 815505

 FFFFF8

 663E00

 BA873C

 4A2800

 D8A155

 301400

 F6BC6E

 180001


 FFD788


 000000

 FFF4A3

 FFFFBF

 FFFFDB

 815505

 815505

■ 815300

■ 815A12

■ 815E1F

■ 81632C

■ 816739

■ 816C46

■ 817052

■ 81755F

■ 817A6C

■ 817E79

# Harmonies

## Analogous

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



9A4427



815505



5E6200

# Triad

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



815505



007072



794A96

# Complementary

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



815505



053181

# 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.



325CAB



815505



006E95

# Square

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



815505



006F49



0068AA



9B3973

# Rectangle

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



815505



416815



0068AA



67509F



# Sweetspot

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



815505



A89777



810532



544A37



D4D4D4



545454



# Same Dimension

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



815505



A86D00



708105



403D39



805200



000000



# Inverse Universe

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



053181



003CA8



160581



393C40



002D80

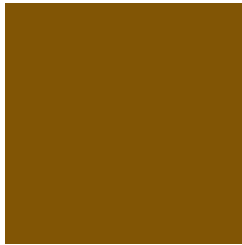


000000



# Previews

## White Background



This preview shows how the Hex color 815505 looks on a white background.

## Color Contrast Check

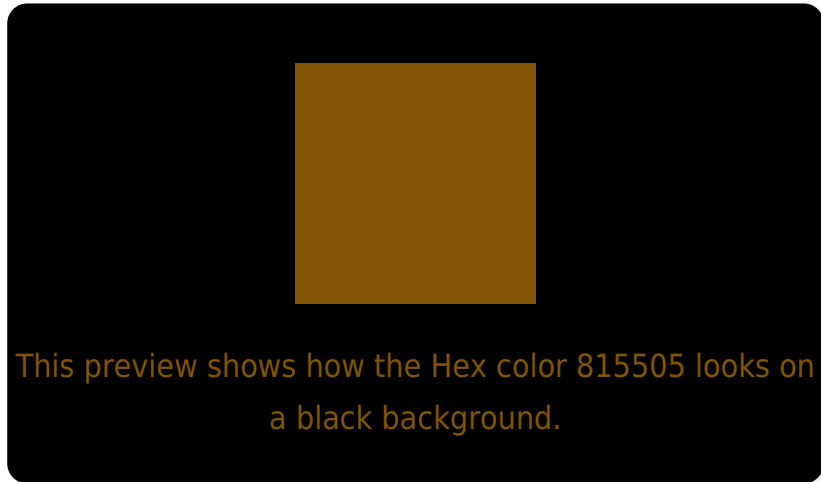
Large Text (above 18pt) WCAG AA ✓ Pass

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 815505 Background



This preview shows how black text looks on a background with the Hex color 815505.



This preview shows how white text looks on a background with the Hex color 815505.

# 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**  
815505

**Protanopia**  
6B5F0A

**Deuteranopia**  
775A00



**Tritanopia**  
854F55

# Trichromacy



**Original Color**  
815505

**Protanomaly**  
735B08

**Deuteranomaly**  
7B5802

**Tritanomaly**  
845138

# Monochromacy



**Original Color**  
815505

**Achromatopsia**  
595959

**Achromatomaly**  
68583A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 815505 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 #815505 looks like.

```
.text, #text, p{  
    color:#815505  
}
```

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 #815505 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #815505
}
```

## Border

The CSS property to change the border of an element to Hex 815505 is called "border". The border property can be set on classes, ids or directly on the HTML element.

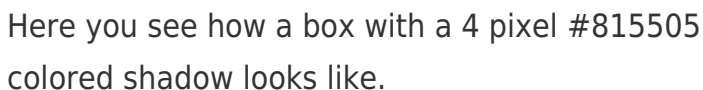
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#815505 }
```

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

```
.border{ border-color:#815505 }
```

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



Here you see how a box with a 4 pixel #815505 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #815505; -webkit-box-shadow:4px 4px  
4px 4px #815505; box-shadow:4px 4px 4px  
4px #815505 }
```

# Background

The CSS property to change the background color of an element to Hex 815505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#815505 }
```

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

```
.background{ background-color:#815505 }
```

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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