

# Converting Colors

Hex(815D30)

Have a look what the booklet for  
Hex(815D30) contains.

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**Color**

**Hex(815D30)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	815D30
RGB	129, 93, 48
RGB Percent	51%, 36%, 19%
CMY	0.4941, 0.6353, 0.8118
CMYK	0.00, 0.28, 0.63, 0.49
HSL	33°, 46%, 35%
HSV	33°, 63%, 51%
XYZ	13.5011, 12.7092, 4.5378
YIQ	98.6340, 35.9010, -6.3630

# Conversions

## Conversions Part 2

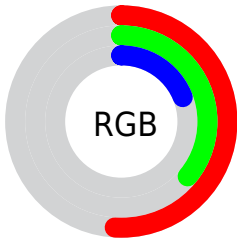
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 129, 48
Decimal	8478000
CIE <sub>Lab</sub>	42.32, 9.50, 31.21
CIE <sub>LCh</sub>	42, 32.626, 73.078
Yxy	12.7092, 0.4391, 0.4133
Android (android.graphics.Color)	4286668080 (0xFF815D30)
YUV	98.6340, -24.9626, 26.6310
Hunter-Lab	35.6500, 5.2127, 17.4081

# Details

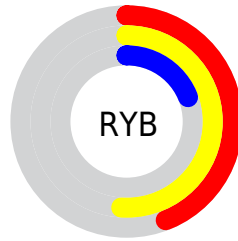
The Hex color **815D30** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **305481**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **B88F60**, and **4D2F01** is the 20% darker color. If you saturate the color by 10%, you get **815723**, and if you desaturate by 10%, it is **81633D**.

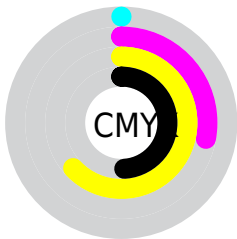
# Distribution



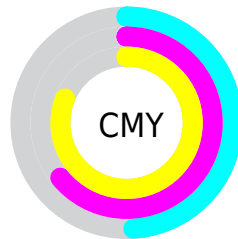
- Red (51%)
- Green (36%)
- Blue (19%)



- Red (44%)
- Yellow (51%)
- Blue (19%)



- Cyan (0%)
- Magenta (28%)
- Yellow (63%)
- Black (49%)




- Cyan (49%)
- Magenta (64%)
- Yellow (81%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 815D30 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 815D30 by changing the saturation by 10% instead.



 815D30

 815D30

FFFFFF

 664519

 B88F60

 4D2F01

 D5AA79

 341A00

 F2C593


 1C0100


 FFE1AE


 000000


 FFFEC9

 FFFFEE

 815D30

 815D30

 815723

 81633D

■ 815216

■ 81684A

■ 814C09

■ 816E57

■ 814800

■ 817464

■ 817A71

■ 817F7D

■ 81858A

■ 818B97

■ 8191A4

# Harmonies

## Analogous

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



925340



815D30



69662E

# Triad

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



815D30



00726F



75588B

# Complementary

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



815D30



305481

# 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.



4D6398



815D30



007088

# Square

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



815D30



227153



006B97



8E5074

# Rectangle

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



815D30



566B35



006B97



6A5C91



# Sweetspot

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



815D30



A89A88



813054



544C41



D4D4D4



545454



# Same Dimension

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



815D30



A8702A



7D8130



403D39



804700



000000



# Inverse Universe

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



305481



2A62A8



343081



393C40



003980

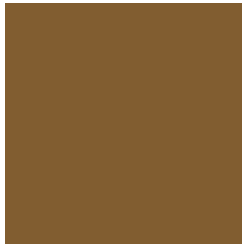


000000



# Previews

## White Background



This preview shows how the Hex color 815D30 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 815D30 Background



This preview shows how black text looks on a background with the Hex color 815D30.



This preview shows how white text looks on a background with the Hex color 815D30.

# 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**  
815D30

**Protanopia**  
6F6432

**Deuteranopia**  
7C5F2F

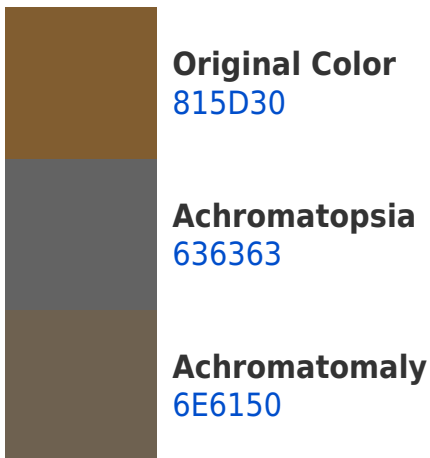


**Tritanopia**  
84585E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 815D30 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 #815D30 looks like.

```
.text, #text, p{  
    color:#815D30  
}
```

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 #815D30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #815D30
}
```

## Border

The CSS property to change the border of an element to Hex 815D30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

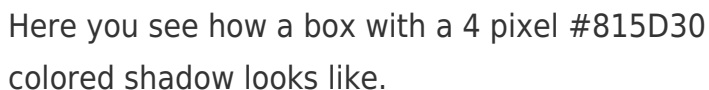
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#815D30 }
```

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

```
.border{ border-color:#815D30 }
```

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



Here you see how a box with a 4 pixel #815D30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #815D30; -webkit-box-shadow:4px 4px  
4px 4px #815D30; box-shadow:4px 4px 4px  
4px #815D30 }
```

# Background

The CSS property to change the background color of an element to Hex 815D30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#815D30 }
```

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

```
.background{ background-color:#815D30 }
```

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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