

# Converting Colors

Hex(815818)

Have a look what the booklet for  
Hex(815818) contains.

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**Color**

**Hex(815818)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	815818
RGB	129, 88, 24
RGB Percent	51%, 35%, 9%
CMY	0.4941, 0.6549, 0.9059
CMYK	0.00, 0.32, 0.81, 0.49
HSL	37°, 69%, 30%
HSV	37°, 81%, 51%
XYZ	12.7079, 11.7125, 2.4551
YIQ	92.9630, 44.9800, -11.2120

# Conversions

## Conversions Part 2

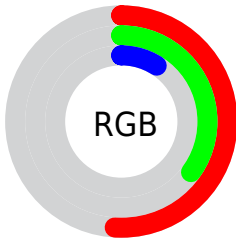
Format	Color
R <sub>Y</sub> B	91, 129, 24
Decimal	8476696
CIE Lab	40.76, 11.04, 41.35
CIE LCh	41, 42.799, 75.058
Yxy	11.7125, 0.4728, 0.4358
Android (android.graphics.Color)	4286666776 (0xFF815818)
YUV	92.9630, -33.9988, 31.6044
Hunter-Lab	34.2236, 6.3892, 19.7032

# Details

The Hex color **815818** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **184181**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **BA8A49**, and **4B2B00** is the 20% darker color. If you saturate the color by 10%, you get **81530B**, and if you desaturate by 10%, it is **815D25**.

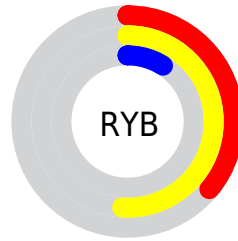
# Distribution



Red (51%)

Green (35%)

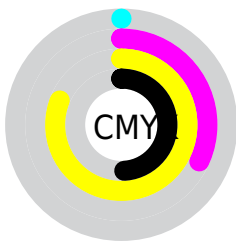
Blue (9%)



Red (36%)

Yellow (51%)

Blue (9%)

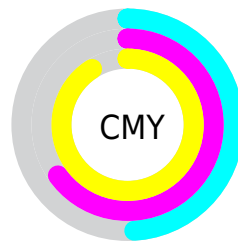


Cyan (0%)

Magenta (32%)

Yellow (81%)

Black (49%)



Cyan (49%)

Magenta (65%)


Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 815818 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 815818 by changing the saturation by 10% instead.



 815818

 815818

FFFFFF

 664100

 BA8A49

 4B2B00

 D7A462

 311600

 F4BF7B

 190000


 FFDB96


 000000

 FFF7B1

 FFFFCD

 FFFFEE9

 815818

 815818

■ 81530B

■ 815D25

■ 814F00

■ 816232

■ 81673F

■ 816C4C

■ 817159

■ 817665

■ 817B72

■ 81807F

■ 81858C

# Harmonies

## Analogous

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



974A30



815818



626415

# Triad

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



815818



007171



784F92

# Complementary

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



815818



184181

# 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.



3F5EA4



815818



006F91

# Square

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



815818



00704D



0069A4



974273

# Rectangle

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



815818



486922



0069A4



69549A



# Sweetspot

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



815818



A89980



811842



544B3C



D4D4D4



545454



# Same Dimension

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



815818



A86803



778118



403D39



804E00



000000



# Inverse Universe

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



184181



0344A8



221881



393C40



003280

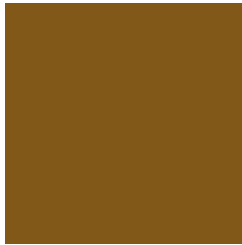


000000



# Previews

## White Background



This preview shows how the Hex color 815818 looks on a white background.

## Color Contrast Check

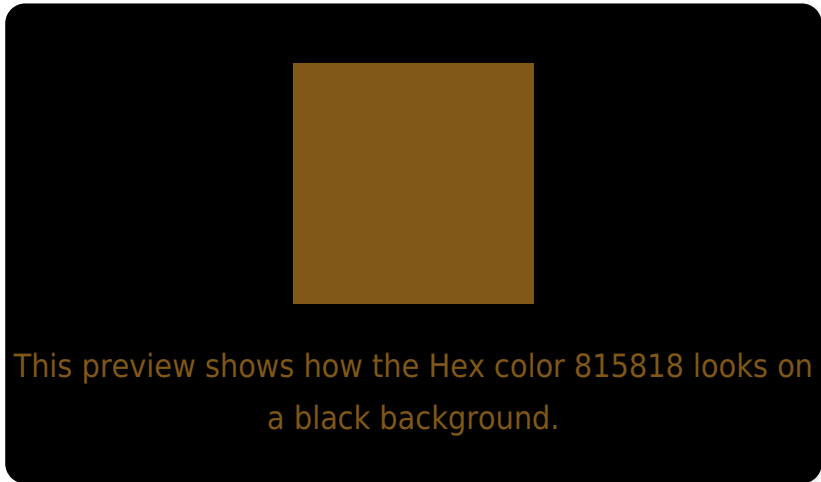
Large Text (above 18pt) WCAG AA ✓ Pass

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 815818 Background



This preview shows how black text looks on a background with the Hex color 815818.



This preview shows how white text looks on a background with the Hex color 815818.

# 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**  
815818

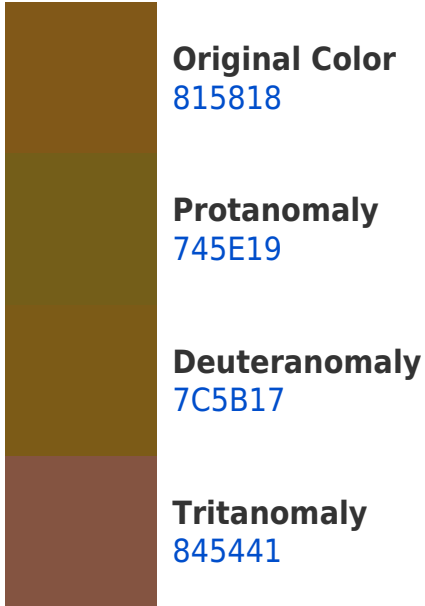
**Protanopia**  
6C611A

**Deuteranopia**  
795C16

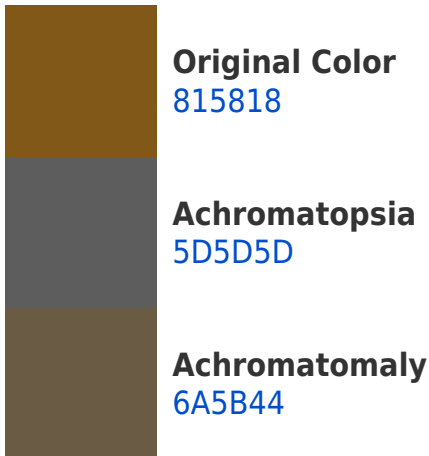


**Tritanopia**  
855258

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 815818 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 #815818 looks like.

```
.text, #text, p{  
    color:#815818  
}
```

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 #815818 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #815818
}
```

## Border

The CSS property to change the border of an element to Hex 815818 is called "border". The border property can be set on classes, ids or directly on the HTML element.

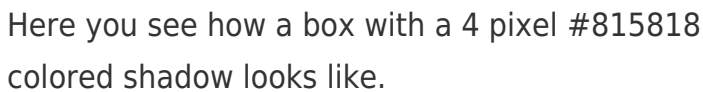
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#815818 }
```

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

```
.border{ border-color:#815818 }
```

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



Here you see how a box with a 4 pixel #815818 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #815818; -webkit-box-shadow:4px 4px  
4px 4px #815818; box-shadow:4px 4px 4px  
4px #815818 }
```

# Background

The CSS property to change the background color of an element to Hex 815818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#815818 }
```

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

```
.background{ background-color:#815818 }
```

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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