

# Converting Colors

Hex(817617)

Have a look what the booklet for  
Hex(817617) contains.

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**Color**

**Hex(817617)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	817617
RGB	129, 118, 23
RGB Percent	51%, 46%, 9%
CMY	0.4941, 0.5373, 0.9098
CMYK	0.00, 0.09, 0.82, 0.49
HSL	54°, 70%, 30%
HSV	54°, 82%, 51%
XYZ	15.6863, 17.6859, 3.3976
YIQ	110.4590, 37.0510, -27.2130

# Conversions

## Conversions Part 2

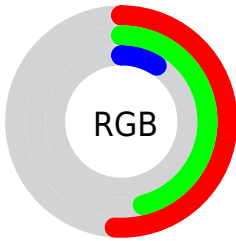
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 129, 23
Decimal	8484375
CIE <sub>Lab</sub>	49.11, -6.40, 49.30
CIE <sub>LCh</sub>	49, 49.712, 97.394
Yxy	17.6859, 0.4266, 0.4810
Android (android.graphics.Color)	4286674455 (0xFF817617)
YUV	110.4590, -43.1173, 16.2605
Hunter-Lab	42.0546, -7.0150, 24.6482

# Details

The Hex color **817617** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **172281**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **B9AA4C**, and **4C4600** is the 20% darker color. If you saturate the color by 10%, you get **81750A**, and if you desaturate by 10%, it is **817724**.

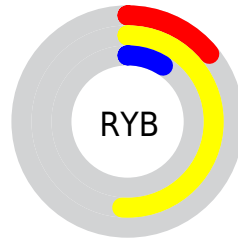
# Distribution



 Red (51%)

 Green (46%)

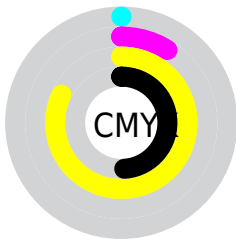
 Blue (9%)



 Red (14%)

 Yellow (51%)

 Blue (9%)

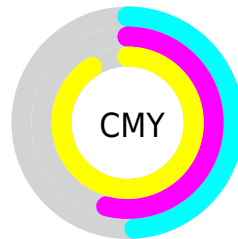



 Cyan (0%)


 Magenta (9%)

 Yellow (82%)

 Black (49%)



 Cyan (49%)

 Magenta (54%)

 Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 817617 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 817617 by changing the saturation by 10% instead.





817617



817617

FFFFFF



665E00



B9AA4C



4C4600



D6C566



323000



F3E180



1A1B00



FFFD9B



000000



FFFFB7



FFFFD3



FFFFFF0



817617



817617

■ 81750A

■ 817724

■ 817400

■ 817931

■ 817A3E

■ 817B4B

■ 817D58

■ 817E64

■ 817F71

■ 81817E

■ 81828B

# Harmonies

## Analogous

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



A46724



817617



54812D

# Triad

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



817617



0088A7



B05496

# Complementary

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



817617



172281

# 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.



8465B8



817617



0082C2

# Square

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



817617



00897E



2C76C8



C14D6C

# Rectangle

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



817617



288545



2C76C8



A459A3



# Sweetspot

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



817617



A8A47E



811723



54523B



D4D4D4



545454



# Same Dimension

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



817617



A89702



588117



403F39



807200



000000



# Inverse Universe

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



172281



0213A8



401781



393A40



000D80



000000



# Previews

## White Background



This preview shows how the Hex color 817617 looks on a white background.

## Color Contrast Check

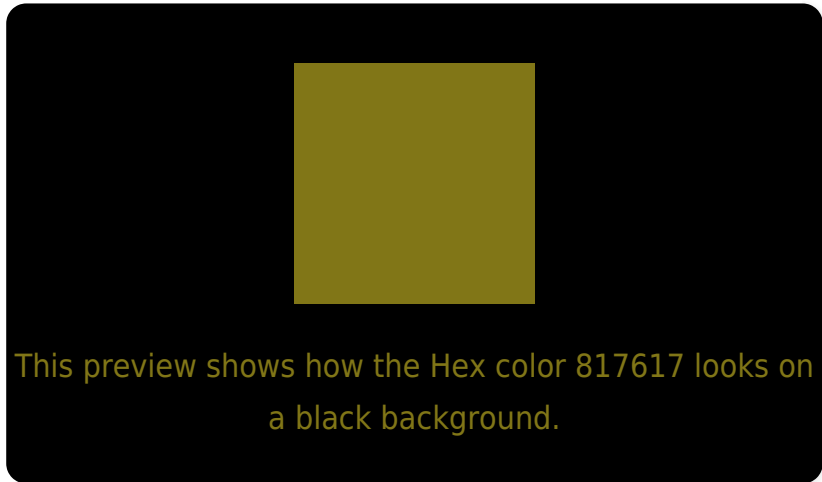
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

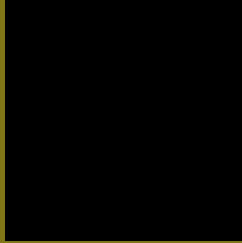
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 817617 Background



This preview shows how black text looks on a background with the Hex color 817617.



This preview shows how white text looks on a background with the Hex color 817617.

# 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**  
817617

**Protanopia**  
847517

**Deuteranopia**  
936F1B



**Tritanopia**  
886E76

# Trichromacy



**Original Color**  
817617

**Protanomaly**  
837517

**Deuteranomaly**  
8C721A

**Tritanomaly**  
857153

# Monochromacy



**Original Color**  
817617

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
75714E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 817617 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 #817617 looks like.

```
.text, #text, p{  
    color:#817617  
}
```

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 #817617 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #817617
}
```

## Border

The CSS property to change the border of an element to Hex 817617 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
#817617 }
```

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

```
.border{ border-color:#817617 }
```

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

Here you see how a box with a 4 pixel #817617 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #817617; -webkit-box-shadow:4px 4px  
4px 4px #817617; box-shadow:4px 4px 4px  
4px #817617 }
```

# Background

The CSS property to change the background color of an element to Hex 817617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#817617 }
```

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

```
.background{ background-color:#817617 }
```

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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