

# Converting Colors

Hex(817D09)

Have a look what the booklet for  
Hex(817D09) contains.

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**Color**

**Hex(817D09)**

# Conversions

## Conversions Part 1

Format	Color
Hex	817D09
RGB	129, 125, 9
RGB Percent	51%, 49%, 4%
CMY	0.4941, 0.5098, 0.9647
CMYK	0.00, 0.03, 0.93, 0.49
HSL	58°, 87%, 27%
HSV	58°, 93%, 51%
XYZ	16.4362, 19.3541, 3.1279
YIQ	112.9720, 39.6200, -35.2280

# Conversions

## Conversions Part 2

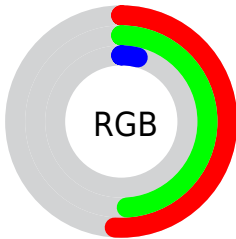
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 129, 9
Decimal	8486153
CIELab	51.10, -10.66, 54.43
CIELCh	51, 55.468, 101.076
Yxy	19.3541, 0.4223, 0.4973
Android (android.graphics.Color)	4286676233 (0xFF817D09)
YUV	112.9720, -51.2582, 14.0566
Hunter-Lab	43.9933, -10.2994, 26.5798

# Details

The Hex color **817D09** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **090D81**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B9B146**, and **4C4C00** is the 20% darker color. If you saturate the color by 10%, you get **817D00**, and if you desaturate by 10%, it is **817D16**.

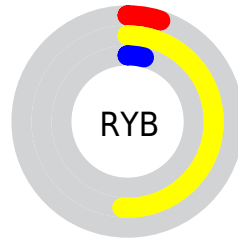
# Distribution



Red (51%)

Green (49%)

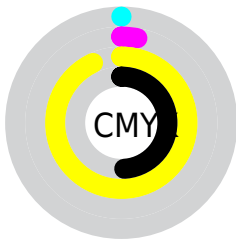
Blue (4%)



Red (5%)

Yellow (51%)

Blue (4%)

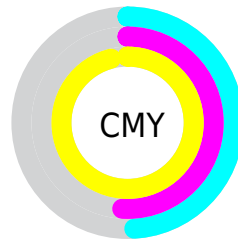


Cyan (0%)

Magenta (3%)

Yellow (93%)

Black (49%)



Cyan (49%)

Magenta (51%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 817D09 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 817D09 by changing the saturation by 10% instead.



 817D09

 817D09

FFFFFF

 666400

 B9B146

 4C4C00

 D6CD60

 323600

 F3E97A

 192100

 FFFF95


 000800


 FFFFB1

 000000

 FFFFCD

 FFFFEA

 817D09

 817D09

■ 817D00

■ 817D16

■ 817E23

■ 817E30

■ 817F3D

■ 817F4A

■ 818056

■ 818063

■ 818070

■ 81817D

# Harmonies

## Analogous

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



AA6C18



817D09



4C882C

# Triad

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



817D09



008EB7



BF519A

# Complementary

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



817D09



090D81

# 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.



9265C2



817D09



0087D3

# Square

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



817D09



00908A



3379D7



CF4B6A

# Rectangle

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



817D09



008D49



3379D7



B457A8



# Sweetspot

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



817D09



A8A779



81090D



545338



D4D4D4



545454



# Same Dimension

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



817D09



A8A300



498109



404039



807B00



000000



# Inverse Universe

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



090D81



0006A8



410981



393A40



000480



000000



# Previews

## White Background



This preview shows how the Hex color 817D09 looks on a white background.

## Color Contrast Check

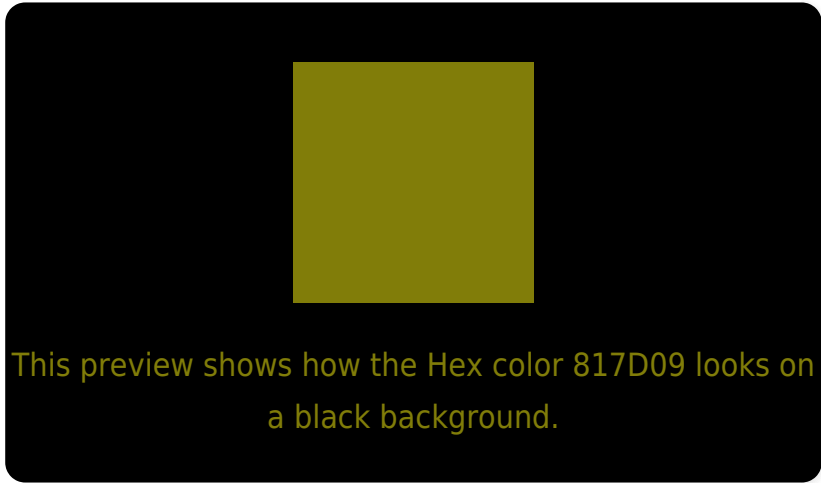
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

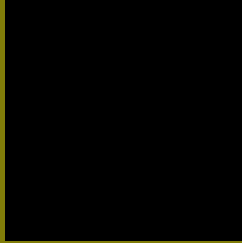
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 817D09 Background



This preview shows how black text looks on a background with the Hex color 817D09.



This preview shows how white text looks on a background with the Hex color 817D09.

# 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**  
817D09

**Protanopia**  
897A07

**Deuteranopia**  
9A7314



**Tritanopia**  
89747D

# Trichromacy



**Original Color**  
817D09

**Protanomaly**  
867B08

**Deuteranomaly**  
917710

**Tritanomaly**  
867753

# Monochromacy



**Original Color**  
817D09

**Achromatopsia**  
717171

**Achromatomaly**  
77754B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 817D09 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 #817D09 looks like.

```
.text, #text, p{  
    color:#817D09  
}
```

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 #817D09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #817D09
}
```

## Border

The CSS property to change the border of an element to Hex 817D09 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
#817D09 }
```

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

```
.border{ border-color:#817D09 }
```

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

Here you see how a box with a 4 pixel #817D09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #817D09; -webkit-box-shadow:4px 4px  
4px 4px #817D09; box-shadow:4px 4px 4px  
4px #817D09 }
```

# Background

The CSS property to change the background color of an element to Hex 817D09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#817D09 }
```

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

```
.background{ background-color:#817D09 }
```

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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