

# Converting Colors

Hex(813E0B)

Have a look what the booklet for  
Hex(813E0B) contains.

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**Color**

**Hex(813E0B)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 813E0B                    |
| RGB           | 129, 62, 11               |
| RGB Percent   | 51%, 24%, 4%              |
| CMY           | 0.4941, 0.7569, 0.9569    |
| CMYK          | 0.00, 0.52, 0.91, 0.49    |
| HSL           | 26°, 84%, 27%             |
| HSV           | 26°, 91%, 51%             |
| XYZ           | 10.8363, 8.1365, 1.3160   |
| YIQ           | 76.2190, 56.3030, -1.6570 |

# Conversions

## Conversions Part 2

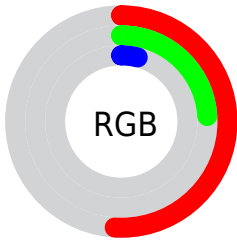
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 129, 101, 11                  |
| Decimal                             | 8470027                       |
| CIE Lab                             | 34.27, 25.79, 40.77           |
| CIE LCh                             | 34, 48.237, 57.687            |
| Yxy                                 | 8.1365, 0.5341,<br>0.4010     |
| Android<br>(android.graphics.Color) | 4286660107<br>(0xFF813E0B)    |
| YUV                                 | 76.2190, -32.1530,<br>46.2889 |
| Hunter-Lab                          | 28.5246, 17.8927,<br>17.2319  |

# Details

The Hex color **813E0B** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0B4E81**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **BB6F3B**, and **491000** is the 20% darker color. If you saturate the color by 10%, you get **813800**, and if you desaturate by 10%, it is **814518**.

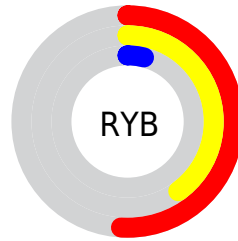
# Distribution



Red (51%)

Green (24%)

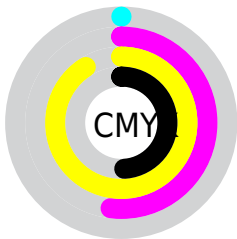
Blue (4%)



Red (51%)

Yellow (40%)

Blue (4%)

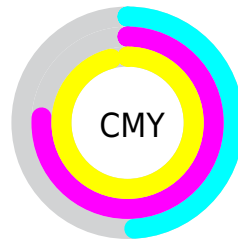


Cyan (0%)

Magenta (52%)

Yellow (91%)

Black (49%)



Cyan (49%)

Magenta (76%)


Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 813E0B 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 813E0B by changing the saturation by 10% instead.



 813E0B

 813E0B

 FFFFF5

 652700

 BB6F3B

 491000

 D98954

 2F0000

 F7A36D

 030000


 FFBE87


 000000

 FFDAA1

 FFF7BD

 FFFFD9

 813E0B

 813E0B

■ 813800

■ 814518

■ 814D25

■ 815432

■ 815B3F

■ 81634C

■ 816A58

■ 817165

■ 817972

■ 81807F

# Harmonies

## Analogous

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



922C2F



813E0B



644E00

# Triad

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



813E0B



00624C



484895

# Complementary

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



813E0B



0B4E81

# 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.



00569E



813E0B



006273

# Square

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



813E0B



005F25



005E91



7B357A

# Rectangle

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



813E0B



4D5600



005E91



284D9A



# Sweetspot

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



813E0B



A88E7B



810B50



544539



D4D4D4



545454



# Same Dimension

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



813E0B



A84900



81770B



403C39



803700



000000



# Inverse Universe

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



0B4E81



0060A8



0B1581



393D40



004880



000000



# Previews

## White Background



This preview shows how the Hex color 813E0B looks on a white background.

## Color Contrast Check

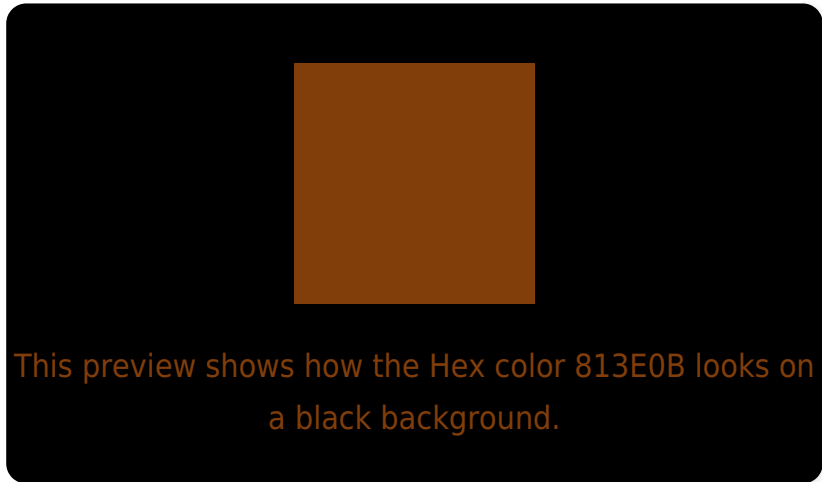
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 813E0B Background



This preview shows how black text looks on a background with the Hex color 813E0B.



This preview shows how white text looks on a background with the Hex color 813E0B.

# 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



# Trichromacy



**Original Color**  
813E0B

**Protanomaly**  
694B0F

**Tritanomaly**  
823B2B

# Monochromacy



**Original Color**  
813E0B

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
5F4734

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 813E0B 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 #813E0B looks like.

```
.text, #text, p{  
    color:#813E0B  
}
```

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 #813E0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813E0B
}
```

## Border

The CSS property to change the border of an element to Hex 813E0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

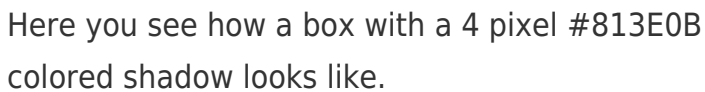
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#813E0B }
```

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

```
.border{ border-color:#813E0B }
```

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



Here you see how a box with a 4 pixel #813E0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813E0B; -webkit-box-shadow:4px 4px  
4px 4px #813E0B; box-shadow:4px 4px 4px  
4px #813E0B }
```

# Background

The CSS property to change the background color of an element to Hex 813E0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813E0B }
```

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

```
.background{ background-color:#813E0B }
```

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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