

# Converting Colors

Hex(810E0E)

Have a look what the booklet for  
Hex(810E0E) contains.

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# Color

**Hex(810E0E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	810E0E
RGB	129, 14, 14
RGB Percent	51%, 5%, 5%
CMY	0.4941, 0.9451, 0.9451
CMYK	0.00, 0.89, 0.89, 0.49
HSL	0°, 80%, 28%
HSV	0°, 89%, 51%
XYZ	9.2896, 5.0129, 0.8934
YIQ	48.3850, 68.5400, 24.3800

# Conversions

## Conversions Part 2

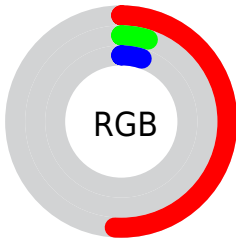
Format	Color
<a href="#">RYB</a>	<a href="#">129, 14, 14</a>
Decimal	<a href="#">8457742</a>
CIELab	<a href="#">26.77, 45.96, 33.38</a>
CIELCh	<a href="#">27, 56.798, 35.992</a>
Yxy	<a href="#">5.0129, 0.6113, 0.3299</a>
Android (android.graphics.Color)	<a href="#">4286647822 (0xFF810E0E)</a>
YUV	<a href="#">48.3850, -16.9518, 70.6994</a>
Hunter-Lab	<a href="#">22.3895, 34.8792, 13.3067</a>

# Details

The Hex color **810E0E** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0E8181**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **BD4939**, and **470000** is the 20% darker color. If you saturate the color by 10%, you get **810101**, and if you desaturate by 10%, it is **811B1B**.

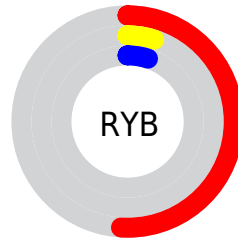
# Distribution



Red (51%)

Green (5%)

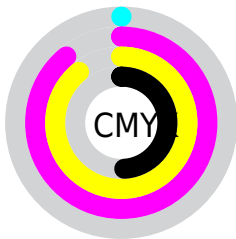
Blue (5%)



Red (51%)

Yellow (5%)

Blue (5%)

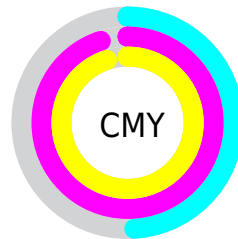


Cyan (0%)

Magenta (89%)

Yellow (89%)

Black (49%)



Cyan (49%)

Magenta (95%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 810E0E 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 810E0E by changing the saturation by 10% instead.



 810E0E

 810E0E

 FFFFF0

 640000

 BD4939

 470000

 DC6351

 2C0001

 FB7E69

 000000

 FF9982

 FFB59D

 FFD1B8

 FFEED3

 810E0E

 810E0E

■ 810101

■ 811B1B

■ 810000

■ 812828

■ 813535

■ 814242

■ 814E4E

■ 815B5B

■ 816868

■ 817575

■ 818282

# Harmonies

## Analogous

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



880039



810E0E



6A2F00

# Triad

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



810E0E



004F19



004397

# Complementary

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



810E0E



0E8181

# 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.



004D90



810E0E



005147

# Square

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



810E0E



154A00



005172



462E87

# Rectangle

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



810E0E



533C00



005172



004797



# Sweetspot

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



810E0E



A87B7B



810E81



543939



D4D4D4



545454



# Same Dimension

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



810E0E



A80000



81480E



403939



800000



000000



# Inverse Universe

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



0E8181



00A8A8



0E4881



394040



008080



000000



# Previews

## White Background



This preview shows how the Hex color 810E0E looks on a white background.

## Color Contrast Check

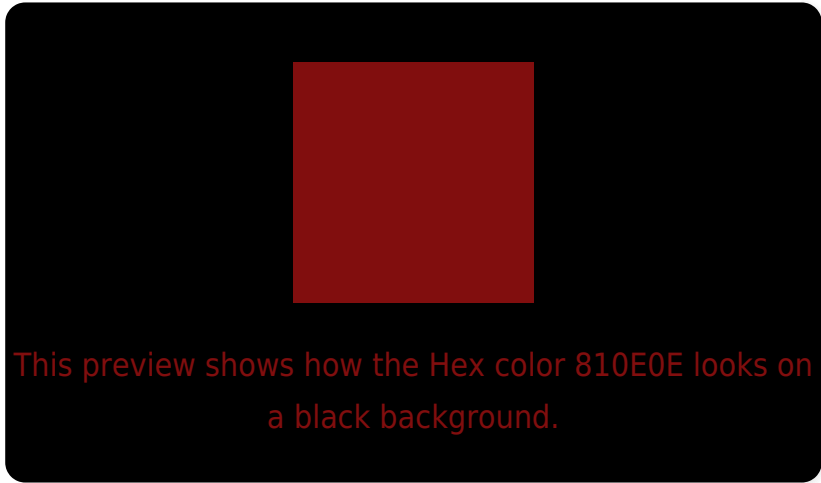
Large Text (above 18pt) WCAG AA ✓ Pass

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 810E0E Background



This preview shows how black text looks on a background with the Hex color 810E0E.



This preview shows how white text looks on a background with the Hex color 810E0E.

# 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**  
810E0E

**Protanopia**  
494219

**Deuteranopia**  
533F00



**Tritanopia**  
810E0B

# Trichromacy



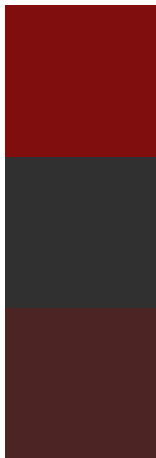
**Original Color**  
810E0E

**Protanomaly**  
5D2F15

**Deuteranomaly**  
642D05

**Tritanomaly**  
810E0C

# Monochromacy



**Original Color**  
810E0E

**Achromatopsia**  
303030

**Achromatomaly**  
4D2424

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 810E0E 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 #810E0E looks like.

```
.text, #text, p{  
    color:#810E0E  
}
```

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 #810E0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #810E0E
}
```

## Border

The CSS property to change the border of an element to Hex 810E0E is called "border". The border property can be set on classes, ids or directly on the HTML element.

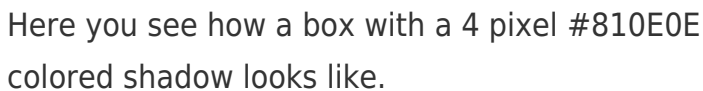
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#810E0E }
```

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

```
.border{ border-color:#810E0E }
```

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



Here you see how a box with a 4 pixel #810E0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #810E0E; -webkit-box-shadow:4px 4px  
4px 4px #810E0E; box-shadow:4px 4px 4px  
4px #810E0E }
```

# Background

The CSS property to change the background color of an element to Hex 810E0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#810E0E }
```

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

```
.background{ background-color:#810E0E }
```

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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