

Converting Colors

Hex(813D0B)

Have a look what the booklet for
Hex(813D0B) contains.

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Color

Hex(813D0B)

Conversions

Conversions Part 1

Format	Color
Hex	813D0B
RGB	129, 61, 11
RGB Percent	51%, 24%, 4%
CMY	0.4941, 0.7608, 0.9569
CMYK	0.00, 0.53, 0.91, 0.49
HSL	25°, 84%, 27%
HSV	25°, 91%, 51%
XYZ	10.7824, 8.0288, 1.2980
YIQ	75.6320, 56.5780, -1.1340

Conversions

Conversions Part 2

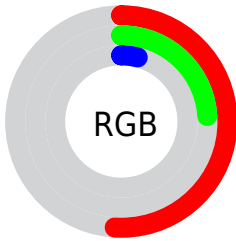
Format	Color
R_{YB}	129, 98, 11
Decimal	8469771
CIE Lab	34.04, 26.34, 40.59
CIE LCh	34, 48.391, 57.018
Yxy	8.0288, 0.5362, 0.3993
Android (android.graphics.Color)	4286659851 (0xFF813D0B)
YUV	75.6320, -31.8636, 46.8037
Hunter-Lab	28.3351, 18.3385, 17.1185

Details

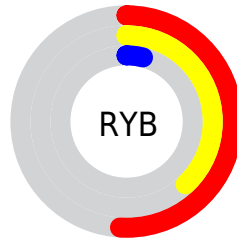
The Hex color **813D0B** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0B4F81**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **BB6E3B**, and **490F00** is the 20% darker color. If you saturate the color by 10%, you get **813700**, and if you desaturate by 10%, it is **814418**.

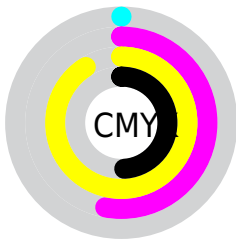
Distribution



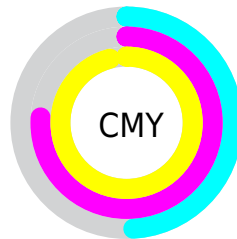
- Red (51%)
- Green (24%)
- Blue (4%)



- Red (51%)
- Yellow (38%)
- Blue (4%)



- Cyan (0%)
- Magenta (53%)
- Yellow (91%)
- Black (49%)



- Cyan (49%)
- Magenta (76%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 813D0B 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 813D0B by changing the saturation by 10% instead.

 813D0B

 813D0B

 FFFFF5

 652600

 BB6E3B

 490F00

 D98754

 2F0000

 F7A26D

 020000

 FFBD86

 000000

 FFD9A1

 FFF6BC

 FFFFD8

 813D0B

 813D0B

■ 813700

■ 814418

■ 814C25

■ 815332

■ 815B3F

■ 81624C

■ 816A58

■ 817165

■ 817872

■ 81807F

Harmonies

Analogous

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



922B30



813D0B



654D00

Triad

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



813D0B



00614B



464895

Complementary

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



813D0B



0B4F81

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.



00569D



813D0B



006172

Square

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



813D0B



005E23



005E90



7A347A

Rectangle

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



813D0B



4D5500



005E90



244D9A

Sweetspot

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



813D0B



A88E7B



810B50



544539



D4D4D4



545454

Same Dimension

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



813D0B



A84700



81770B



403C39



803600



000000

Inverse Universe

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



0B4F81



0061A8



0B1581



393D40



004980



000000

Previews

White Background



This preview shows how the Hex color 813D0B looks on a white background.

Color Contrast Check

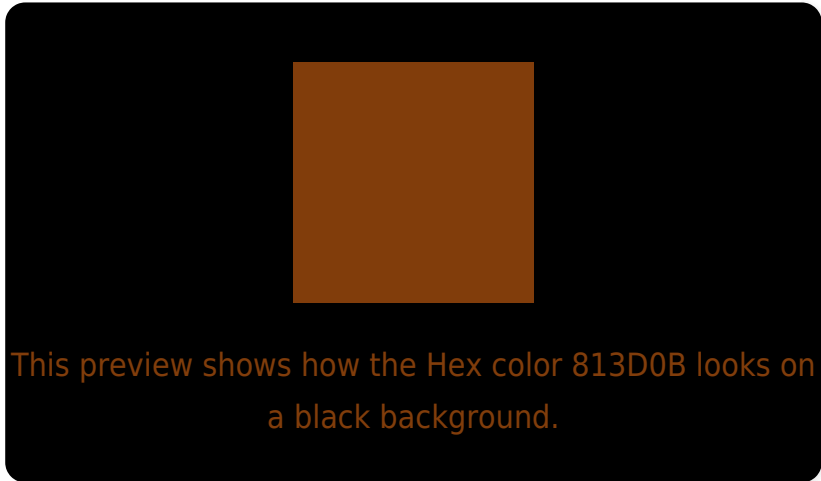
Large Text (above 18pt) WCAG AA ✓ Pass

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 813D0B Background



This preview shows how black text looks on a background with the Hex color 813D0B.



This preview shows how white text looks on a background with the Hex color 813D0B.

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
813D0B

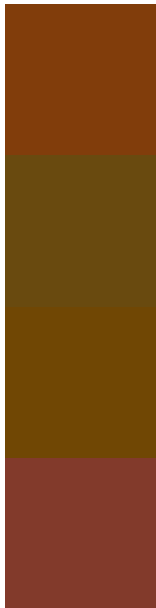
Protanopia
5B5111

Deuteranopia
664D00



Tritanopia
83393D

Trichromacy



Original Color
813D0B

Protanomaly
694A0F

Deuteranomaly
704704

Tritanomaly
823A2B

Monochromacy



Original Color
813D0B

Achromatopsia
4C4C4C

Achromatomaly
5F4734

CSS Examples

Text

The CSS property to change the color of the text to Hex 813D0B 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 #813D0B looks like.

```
.text, #text, p{  
    color:#813D0B  
}
```

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 #813D0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813D0B
}
```

Border

The CSS property to change the border of an element to Hex 813D0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

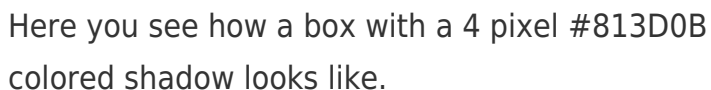
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#813D0B }
```

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

```
.border{ border-color:#813D0B }
```

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



Here you see how a box with a 4 pixel #813D0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813D0B; -webkit-box-shadow:4px 4px  
4px 4px #813D0B; box-shadow:4px 4px 4px  
4px #813D0B }
```

Background

The CSS property to change the background color of an element to Hex 813D0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813D0B }
```

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

```
.background{ background-color:#813D0B }
```

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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