

Converting Colors

Hex(813D00)

Have a look what the booklet for
Hex(813D00) contains.

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Color

Hex(813D00)

Conversions

Conversions Part 1

Format	Color
Hex	813D00
RGB	129, 61, 0
RGB Percent	51%, 24%, 0%
CMY	0.4941, 0.7608, 1.0000
CMYK	0.00, 0.53, 1.00, 0.49
HSL	28°, 100%, 25%
HSV	28°, 100%, 51%
XYZ	10.7220, 8.0046, 0.9799
YIQ	74.3780, 60.1090, -4.5550

Conversions

Conversions Part 2

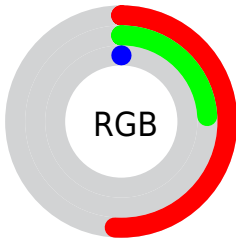
Format	Color
RYB	129, 116, 0
Decimal	8469760
CIELab	33.99, 26.11, 44.59
CIELCh	34, 51.673, 59.653
Yxy	8.0046, 0.5441, 0.4062
Android (android.graphics.Color)	4286659840 (0xFF813D00)
YUV	74.3780, -36.6684, 47.9035
Hunter-Lab	28.2924, 18.1345, 17.7511

Details

The Hex color **813D00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **004481**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **BC6E33**, and **490F00** is the 20% darker color. If you saturate the color by 10%, you get **813D00**, and if you desaturate by 10%, it is **81440D**.

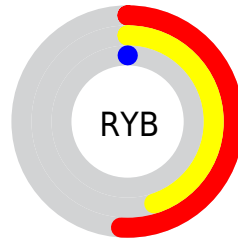
Distribution



Red (51%)

Green (24%)

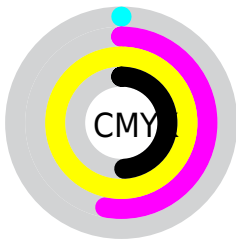
Blue (0%)



Red (51%)

Yellow (45%)

Blue (0%)

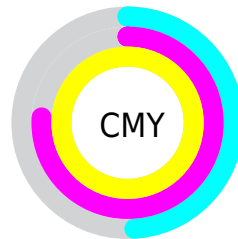


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (49%)



Cyan (49%)


Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 813D00 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 813D00 by changing the saturation by 10% instead.

 813D00

 813D00

 FFFFED

 652600

 BC6E33

 490F00

 DA874C

 2F0000

 F8A265

 010000

 FFBD7E

 000000

 FFD999


 FFF6B4


 FFFF00


 813D00

 81440D


 814B1A

 815127

 815834

 815F41

 81664D

 816D5A

 817367

 817A74

Harmonies

Analogous

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



94282A



813D00



624E00

Triad

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



813D00



00624E



4A4598

Complementary

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



813D00



004481

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.



0055A3



813D00



006278

Square

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



813D00



005F23



005E97



802F7A

Rectangle

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



813D00



485600



005E97



284B9E

Sweetspot

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



813D00



A88E76



810045



544436



D4D4D4



545454

Same Dimension

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



813D00



A85000



817D00



403C39



803C00



000000

Inverse Universe

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



004481



0059A8



000481



393D40



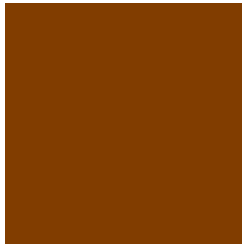
004380



000000

Previews

White Background



This preview shows how the Hex color 813D00 looks on a white background.

Color Contrast Check

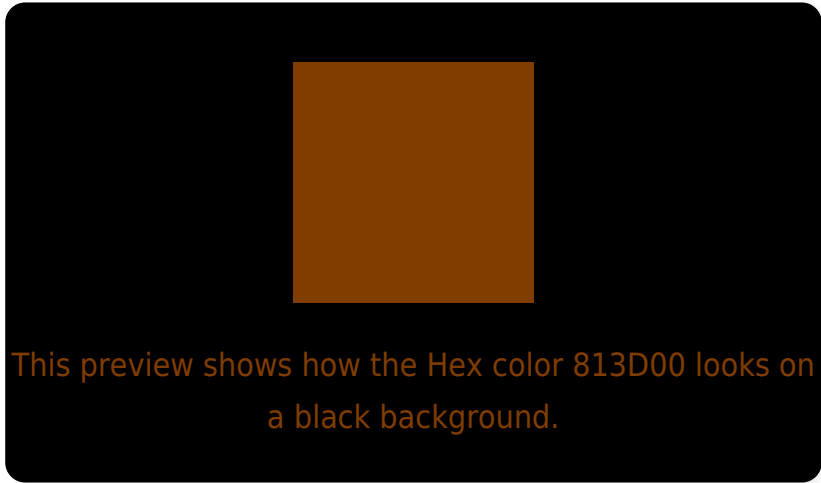
Large Text (above 18pt) WCAG AA ✓ Pass

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 813D00 Background



This preview shows how black text looks on a background with the Hex color 813D00.



This preview shows how white text looks on a background with the Hex color 813D00.

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
813D00

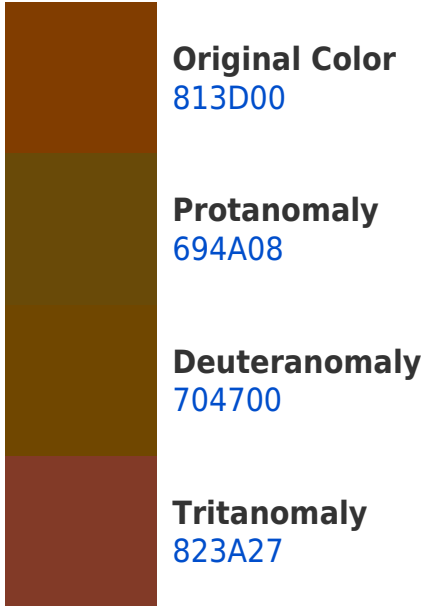
Protanopia
5B510C

Deuteranopia
664D00

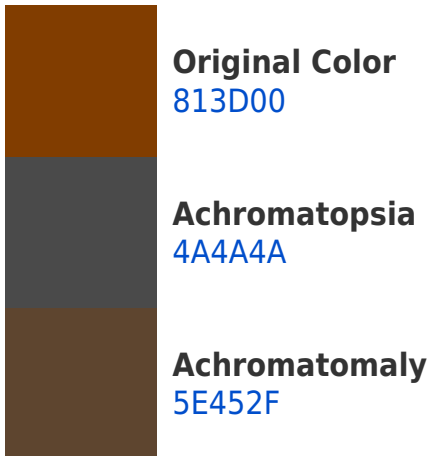


Tritanopia
83393D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 813D00 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 #813D00 looks like.

```
.text, #text, p{  
    color:#813D00  
}
```

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 #813D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813D00
}
```

Border

The CSS property to change the border of an element to Hex 813D00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

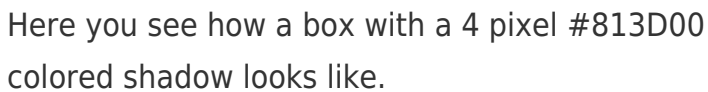
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#813D00 }
```

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

```
.border{ border-color:#813D00 }
```

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



Here you see how a box with a 4 pixel #813D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813D00; -webkit-box-shadow:4px 4px  
4px 4px #813D00; box-shadow:4px 4px 4px  
4px #813D00 }
```

Background

The CSS property to change the background color of an element to Hex 813D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813D00 }
```

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

```
.background{ background-color:#813D00 }
```

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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