

Converting Colors

Hex(813007)

Have a look what the booklet for
Hex(813007) contains.

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Color

Hex(813007)

Conversions

Conversions Part 1

Format	Color
Hex	813007
RGB	129, 48, 7
RGB Percent	51%, 19%, 3%
CMY	0.4941, 0.8118, 0.9725
CMYK	0.00, 0.63, 0.95, 0.49
HSL	20°, 90%, 27%
HSV	20°, 95%, 51%
XYZ	10.1486, 6.7964, 0.9780
YIQ	67.5450, 61.4370, 4.4210

Conversions

Conversions Part 2

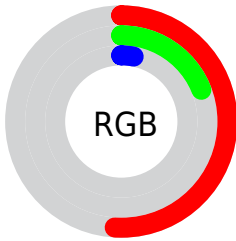
Format	Color
R_{YB}	129, 69, 7
Decimal	8466439
CIE Lab	31.34, 33.16, 40.05
CIE LCh	31, 51.992, 50.374
Yxy	6.7964, 0.5662, 0.3792
Android (android.graphics.Color)	4286656519 (0xFF813007)
YUV	67.5450, -29.8487, 53.8960
Hunter-Lab	26.0699, 23.8649, 16.0248

Details

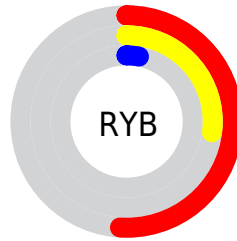
The Hex color **813007** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **075881**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **BC6137**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **812B00**, and if you desaturate by 10%, it is **813914**.

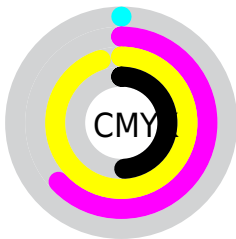
Distribution



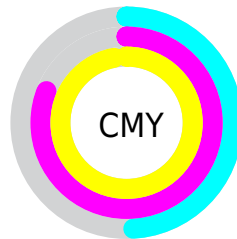
- Red (51%)
- Green (19%)
- Blue (3%)



- Red (51%)
- Yellow (27%)
- Blue (3%)



- Cyan (0%)
- Magenta (63%)
- Yellow (95%)
- Black (49%)





- Cyan (49%)
- Magenta (81%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 813007 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 813007 by changing the saturation by 10% instead.

 813007

 813007

 FFFFEF

 651700

 BC6137

 480000

 DA7B4F

 2F0001

 F99567


 000000

 FFB081

 FFCC9B

 FFE9B6

 FFFFD2

 813007

 813007

■ 812B00

■ 813914

■ 814121

■ 814A2E

■ 81523B

■ 815B48

■ 816354

■ 816C61

■ 81756E

■ 817D7B

Harmonies

Analogous

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



8F1930



813007



664300

Triad

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



813007



005A3B



214597

Complementary

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



813007



075881

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.



00539B



813007



005B65

Square

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



813007



00570E



005988



6C2F7E

Rectangle

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



813007



4E4C00



005988



004A9B

Sweetspot

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



813007



A88979



810758



544138



D4D4D4



545454

Same Dimension

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



813007



A83900



816D07



403C39



802B00



000000

Inverse Universe

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



075881



0070A8



071B81



393E40



005580



000000

Previews

White Background



This preview shows how the Hex color 813007 looks on a white background.

Color Contrast Check

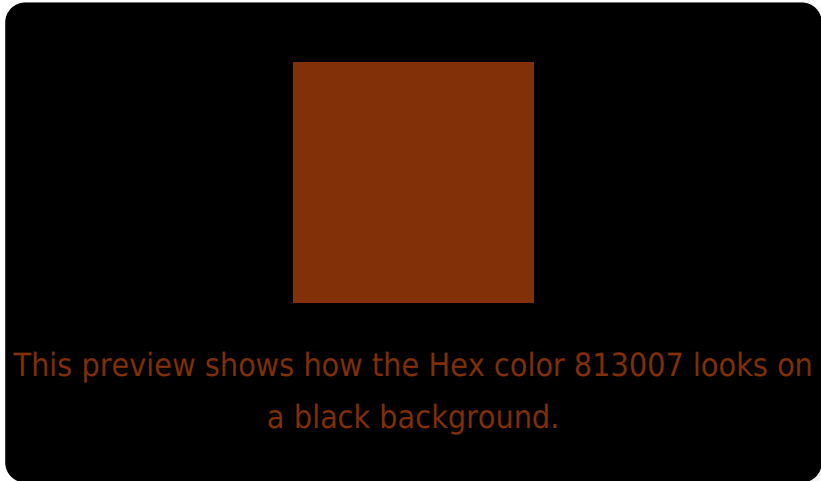
Large Text (above 18pt) WCAG AA ✓ Pass

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

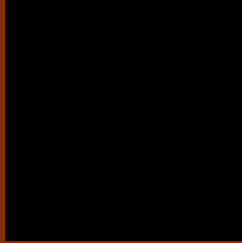
Any Text WCAG AA × Fail

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 813007 Background



This preview shows how black text looks on a background with the Hex color 813007.



This preview shows how white text looks on a background with the Hex color 813007.

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
813007

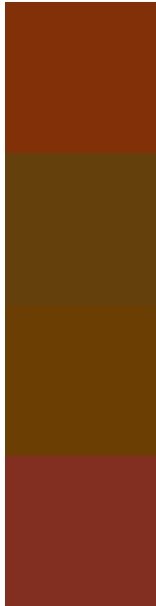
Protanopia
544B0F

Deuteranopia
5F4700



Tritanopia
822D2F

Trichromacy



Original Color
813007

Protanomaly
64410C

Deuteranomaly
6B3F03

Tritanomaly
822E20

Monochromacy



Original Color
813007

Achromatopsia
444444

Achromatomaly
5A3D2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 813007 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 #813007 looks like.

```
.text, #text, p{  
    color:#813007  
}
```

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 #813007 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813007
}
```

Border

The CSS property to change the border of an element to Hex 813007 is called "border". The border property can be set on classes, ids or directly on the HTML element.

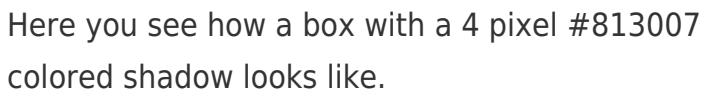
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#813007 }
```

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

```
.border{ border-color:#813007 }
```

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



Here you see how a box with a 4 pixel #813007 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813007; -webkit-box-shadow:4px 4px  
4px 4px #813007; box-shadow:4px 4px 4px  
4px #813007 }
```

Background

The CSS property to change the background color of an element to Hex 813007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813007 }
```

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

```
.background{ background-color:#813007 }
```

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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