

Converting Colors

Hex(814400)

Have a look what the booklet for
Hex(814400) contains.

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Color

Hex(814400)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 814400 |
| RGB | 129, 68, 0 |
| RGB Percent | 51%, 27%, 0% |
| CMY | 0.4941, 0.7333, 1.0000 |
| CMYK | 0.00, 0.47, 1.00, 0.49 |
| HSL | 32°, 100%, 25% |
| HSV | 32°, 100%, 51% |
| XYZ | 11.1204, 8.8014, 1.1127 |
| YIQ | 78.4870, 58.1840, -8.2160 |

Conversions

Conversions Part 2

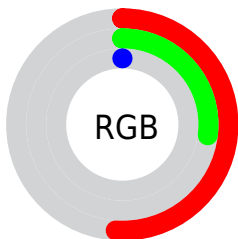
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 116, 129, 0 |
| Decimal | 8471552 |
| CIE _{Lab} | 35.60, 22.14, 45.56 |
| CIE _{LCh} | 36, 50.656, 64.085 |
| Yxy | 8.8014, 0.5287, 0.4184 |
| Android (android.graphics.Color) | 4286661632 (0xFF814400) |
| YUV | 78.4870, -38.6941, 44.2999 |
| Hunter-Lab | 29.6671, 14.9913, 18.5432 |

Details

The Hex color **814400** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **003D81**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **BB7535**, and **491700** is the 20% darker color. If you saturate the color by 10%, you get **814400**, and if you desaturate by 10%, it is **814A0D**.

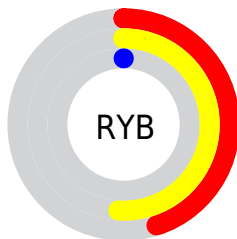
Distribution



Red (51%)

Green (27%)

Blue (0%)



Red (45%)

Yellow (51%)

Blue (0%)

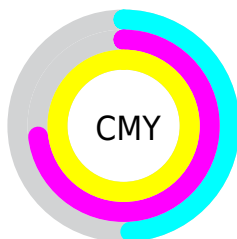


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (49%)



Cyan (49%)


Magenta (73%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 814400 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 814400 by changing the saturation by 10% instead.

 814400

 814400

 FFFFEF

 652D00

 BB7535

 491700

 D98F4D

 2F0100

 F7A967

 080000

 FFC580

 000000


 FFE19B


 FFFDB6


 FFFFD2

 814400


 814A0D


 81501A

 815627


 815C34

 816341

 81694D

 816F5A

 817567

 817B74

Harmonies

Analogous

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



963129



814400



615400

Triad

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



814400



006658



5A4697

Complementary

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



814400



003D81

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.



0057A5



814400



006580

Square

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



814400



00632E



00619D



883178

Rectangle

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



814400



465B00



00619D



404C9E

Sweetspot

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



814400



A89076



81003E



544636



D4D4D4



545454

Same Dimension

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



814400



A85900



7F8100



403D39



804300



000000

Inverse Universe

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



003D81



0050A8



020081



393C40



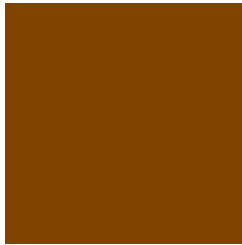
003C80



000000

Previews

White Background



This preview shows how the Hex color 814400 looks on a white background.

Color Contrast Check

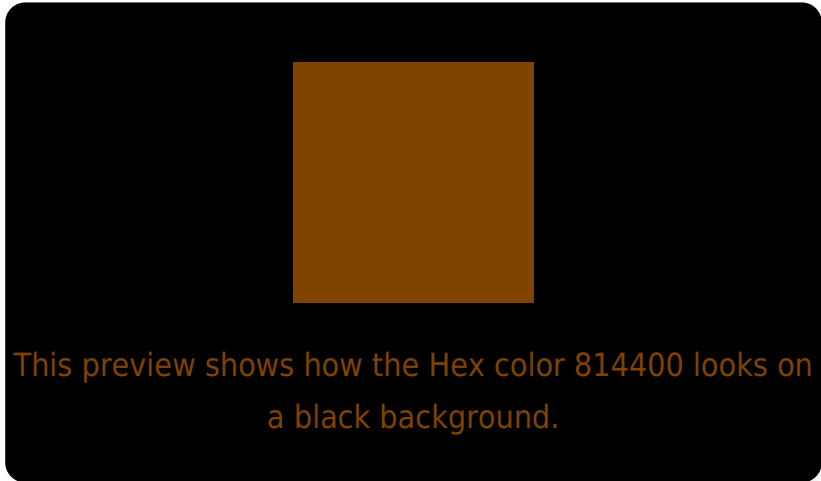
Large Text (above 18pt) WCAG AA ✓ Pass

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 814400 Background



This preview shows how black text looks on a background with the Hex color 814400.



This preview shows how white text looks on a background with the Hex color 814400.

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
814400

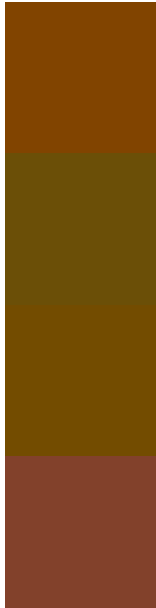
Protanopia
5F550B

Deuteranopia
6B5000



Tritanopia
833F44

Trichromacy



Original Color
814400

Protanomaly
6B4F07

Deuteranomaly
734C00

Tritanomaly
82412B

Monochromacy



Original Color
814400

Achromatopsia
4E4E4E

Achromatomaly
614A32

CSS Examples

Text

The CSS property to change the color of the text to Hex 814400 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 #814400 looks like.

```
.text, #text, p{  
    color:#814400  
}
```

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 #814400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #814400
}
```

Border

The CSS property to change the border of an element to Hex 814400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

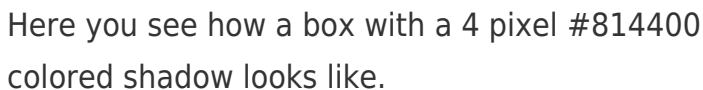
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#814400 }
```

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

```
.border{ border-color:#814400 }
```

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



Here you see how a box with a 4 pixel #814400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #814400; -webkit-box-shadow:4px 4px  
4px 4px #814400; box-shadow:4px 4px 4px  
4px #814400 }
```

Background

The CSS property to change the background color of an element to Hex 814400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#814400 }
```

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

```
.background{ background-color:#814400 }
```

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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