

Converting Colors

Hex(824F00)

Have a look what the booklet for
Hex(824F00) contains.

Hex(824F00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(824F00)

Conversions

Conversions Part 1

Format	Color
Hex	824F00
RGB	130, 79, 0
RGB Percent	51%, 31%, 0%
CMY	0.4902, 0.6902, 1.0000
CMYK	0.00, 0.39, 1.00, 0.49
HSL	36°, 100%, 25%
HSV	36°, 100%, 51%
XYZ	12.0019, 10.3378, 1.3628
YIQ	85.2430, 55.7550, -13.7570

Conversions

Conversions Part 2

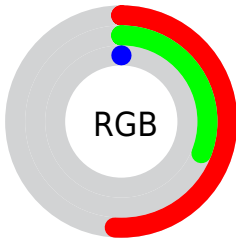
Format	Color
RYB	84, 130, 0
Decimal	8539904
CIELab	38.44, 16.18, 47.43
CIELCh	38, 50.114, 71.161
Yxy	10.3378, 0.5064, 0.4361
Android (android.graphics.Color)	4286729984 (0xFF824F00)
YUV	85.2430, -42.0248, 39.2519
Hunter-Lab	32.1524, 10.3640, 19.9936

Details

The Hex color **824F00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **003382**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **BC8037**, and **4B2200** is the 20% darker color. If you saturate the color by 10%, you get **824F00**, and if you desaturate by 10%, it is **82540D**.

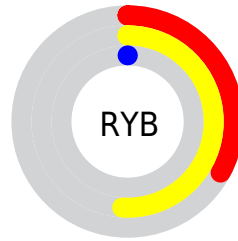
Distribution



Red (51%)

Green (31%)

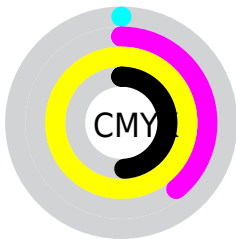
Blue (0%)



Red (33%)

Yellow (51%)

Blue (0%)

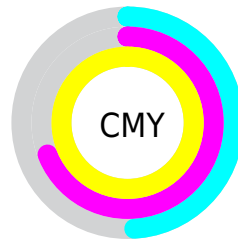


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (49%)



Cyan (49%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 824F00 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 824F00 by changing the saturation by 10% instead.

 824F00

 824F00

 FFFFF3

 663800

 BC8037

 4B2200

 D99A50

 300E00

 F8B56A

 150000

 FFD184

 000000

 FFED9F

 FFFFBA

 FFFF66

 824F00

 82540D

 82591A

 825E27

 826334

 826941

 826E4E

 82735B

 827868

 827D75

Harmonies

Analogous

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



9A3D27



824F00



5F5D00

Triad

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



824F00



006D69



6F4898

Complementary

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



824F00



003382

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.



075AAB



824F00



006C8F

Square

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



824F00



006B3F



0066A8



963576

Rectangle

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



824F00



436406



0066A8



5B4FA1

Sweetspot

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



824F00



A89476



820034



544836



D4D4D4



545454

Same Dimension

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



824F00



A86600



758200



403D39



804D00



000000

Inverse Universe

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



003382



0042A8



0D0082



393C40



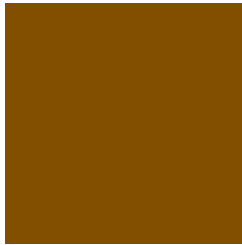
003280



000000

Previews

White Background



This preview shows how the Hex color 824F00 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 824F00 Background



This preview shows how black text looks on a background with the Hex color 824F00.



This preview shows how white text looks on a background with the Hex color 824F00.

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
824F00

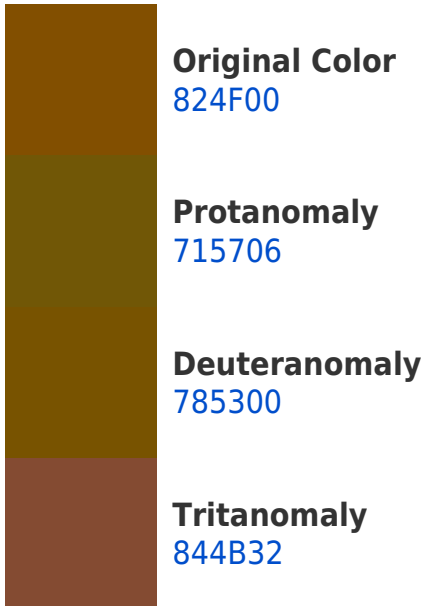
Protanopia
675B0A

Deuteranopia
735600

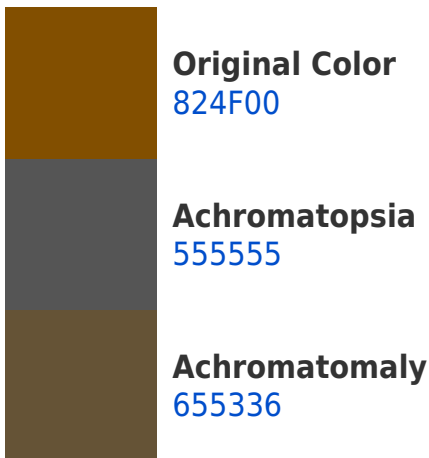


Tritanopia
85494F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 824F00 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 #824F00 looks like.

```
.text, #text, p{  
    color:#824F00  
}
```

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 #824F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #824F00
}
```

Border

The CSS property to change the border of an element to Hex 824F00 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
#824F00 }
```

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

```
.border{ border-color:#824F00 }
```

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

Here you see how a box with a 4 pixel #824F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #824F00; -webkit-box-shadow:4px 4px  
4px 4px #824F00; box-shadow:4px 4px 4px  
4px #824F00 }
```

Background

The CSS property to change the background color of an element to Hex 824F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#824F00 }
```

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

```
.background{ background-color:#824F00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor