

Converting Colors

Hex(804F00)

Have a look what the booklet for
Hex(804F00) contains.

Hex(804F00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(804F00)

Conversions

Conversions Part 1

Format	Color
Hex	804F00
RGB	128, 79, 0
RGB Percent	50%, 31%, 0%
CMY	0.4980, 0.6902, 1.0000
CMYK	0.00, 0.38, 1.00, 0.50
HSL	37°, 100%, 25%
HSV	37°, 100%, 50%
XYZ	11.6981, 10.1812, 1.3486
YIQ	84.6450, 54.5630, -14.1810

Conversions

Conversions Part 2

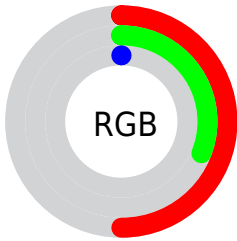
Format	Color
RYB	79, 128, 0
Decimal	8408832
CIELab	38.17, 15.24, 47.11
CIElCh	38, 49.518, 72.077
Yxy	10.1812, 0.5036, 0.4383
Android (android.graphics.Color)	4286598912 (0xFF804F00)
YUV	84.6450, -41.7300, 38.0223
Hunter-Lab	31.9079, 9.6027, 19.8296

Details

The Hex color **804F00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **003180**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **BA8037**, and **492200** is the 20% darker color. If you saturate the color by 10%, you get **804F00**, and if you desaturate by 10%, it is **80540D**.

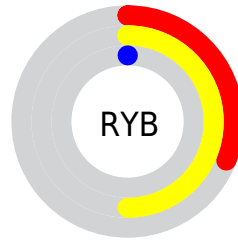
Distribution



Red (50%)

Green (31%)

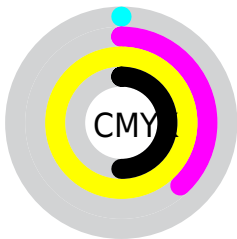
Blue (0%)



Red (31%)

Yellow (50%)

Blue (0%)

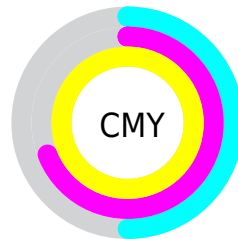


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (50%)



Cyan (50%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 804F00 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 804F00 by changing the saturation by 10% instead.

 804F00

 804F00

 FFFFF3

 653800

 BA8037

 492200

 D79A50

 2F0E00

 F5B569

 110000

 FFD184

 000000

 FFED9E

 FFFFBA

 FFFF66

 804F00

 80540D

 80591A

 805E26

 806333

 806840

 806C4D

 80715A

 807666

 807B73

Harmonies

Analogous

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



983D26



804F00



5E5D00

Triad

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



804F00



006C69



704796

Complementary

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



804F00



003180

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.



1459A9



804F00



006B8F

Square

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



804F00



006B40



0065A6



953573

Rectangle

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



804F00



416408



0065A6



5C4E9E

Sweetspot

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



804F00



A69374



800031



544936



D4D4D4



545454

Same Dimension

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



804F00



A66600



718000



403D39



000000

Inverse Universe

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



003180



003FA6



0F0080



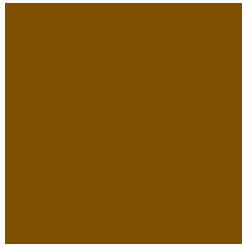
393C40



000000

Previews

White Background



This preview shows how the Hex color 804F00 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 804F00 Background



This preview shows how black text looks on a background with the Hex color 804F00.



This preview shows how white text looks on a background with the Hex color 804F00.

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
804F00

Protanopia
665B09

Deuteranopia
725600



Tritanopia
83494F

Trichromacy



Original Color
804F00

Protanomaly
6F5706

Deuteranomaly
775300

Tritanomaly
824B32

Monochromacy



Original Color
804F00

Achromatopsia
555555

Achromatomaly
655336

CSS Examples

Text

The CSS property to change the color of the text to Hex 804F00 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 #804F00 looks like.

```
.text, #text, p{  
    color:#804F00  
}
```

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 #804F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804F00
}
```

Border

The CSS property to change the border of an element to Hex 804F00 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
#804F00 }
```

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

```
.border{ border-color:#804F00 }
```

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

Here you see how a box with a 4 pixel #804F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804F00; -webkit-box-shadow:4px 4px  
4px 4px #804F00; box-shadow:4px 4px 4px  
4px #804F00 }
```

Background

The CSS property to change the background color of an element to Hex 804F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804F00 }
```

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

```
.background{ background-color:#804F00 }
```

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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