

# Converting Colors

Hex(84801F)

Have a look what the booklet for  
Hex(84801F) contains.

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**Color**

**Hex(84801F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84801F
RGB	132, 128, 31
RGB Percent	52%, 50%, 12%
CMY	0.4824, 0.4980, 0.8784
CMYK	0.00, 0.03, 0.77, 0.48
HSL	58°, 62%, 32%
HSV	58°, 77%, 52%
XYZ	17.4822, 20.4428, 4.3208
YIQ	118.1380, 33.5210, -29.3190

# Conversions

## Conversions Part 2

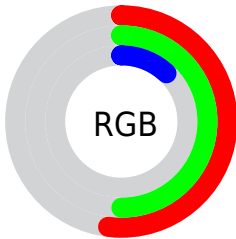
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 132, 31
Decimal	8683551
CIELab	52.33, -10.19, 49.60
CIELCh	52, 50.636, 101.612
Yxy	20.4428, 0.4138, 0.4839
Android (android.graphics.Color)	4286873631 (0xFF84801F)
YUV	118.1380, -42.9590, 12.1570
Hunter-Lab	45.2137, -10.1057, 25.9837

# Details

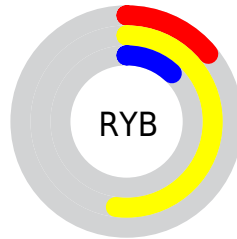
The Hex color **84801F** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **1F2384**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **BCB553**, and **4F4F00** is the 20% darker color. If you saturate the color by 10%, you get **847F12**, and if you desaturate by 10%, it is **84812C**.

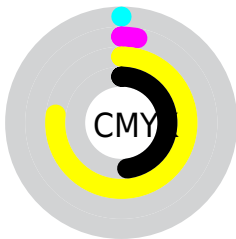
# Distribution



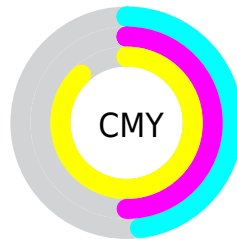
- Red (52%)
- Green (50%)
- Blue (12%)



- Red (14%)
- Yellow (52%)
- Blue (12%)



- Cyan (0%)
- Magenta (3%)
- Yellow (77%)
- Black (48%)



- Cyan (48%)
- Magenta (50%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84801F 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 84801F by changing the saturation by 10% instead.



 84801F

 84801F

FFFFFF

 696700

 BCB553

 4F4F00


 D9D06D

 363900

 F6EC88

 1D2300

 FFFFA3

 000F00

 FFFFBF

 000000

 FFFFDB

 FFFFF8

 84801F

 84801F

■ 847F12

■ 84812C

■ 847F05

■ 848139

■ 847F00

■ 848247

■ 848254

■ 848361

■ 84836E

■ 84847B

■ 848489

■ 848596

# Harmonies

## Analogous

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



AA7126



84801F



548A38

# Triad

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



84801F



0090B6



BE5999

# Complementary

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



84801F



1F2384

# 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.



956ABE



84801F



0089CF

# Square

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



84801F



00928D



487CD2



CC556E

# Rectangle

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



84801F



218F52



487CD2



B35EA7



# Sweetspot

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



84801F



ABA984



841F24



57563E



D6D6D6



575757



# Same Dimension

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



84801F



ABA50E



57841F



42423C



827D00



030200



# Inverse Universe

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



1F2384



0E14AB



4C1F84



3C3C42



000582



000003



# Previews

## White Background



This preview shows how the Hex color 84801F looks on a white background.

## Color Contrast Check

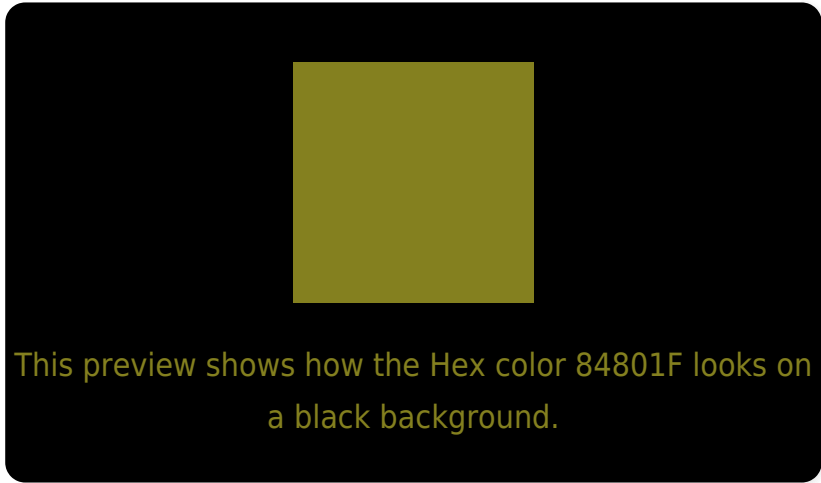
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

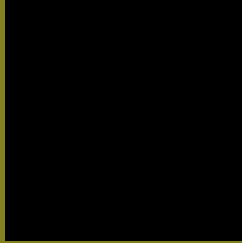
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 84801F Background



This preview shows how black text looks on a background with the Hex color 84801F.



This preview shows how white text looks on a background with the Hex color 84801F.

# 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**  
84801F

**Protanopia**  
8C7D1E

**Deuteranopia**  
9D7723



**Tritanopia**  
8C7781

# Trichromacy



**Original Color**  
84801F

**Protanomaly**  
897E1E

**Deuteranomaly**  
947A22

**Tritanomaly**  
897A5D

# Monochromacy



**Original Color**  
84801F

**Achromatopsia**  
767676

**Achromatomaly**  
7B7A56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84801F 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 #84801F looks like.

```
.text, #text, p{  
    color:#84801F  
}
```

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 #84801F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84801F
}
```

## Border

The CSS property to change the border of an element to Hex 84801F 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
#84801F }
```

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

```
.border{ border-color:#84801F }
```

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

Here you see how a box with a 4 pixel #84801F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84801F; -webkit-box-shadow:4px 4px  
4px 4px #84801F; box-shadow:4px 4px 4px  
4px #84801F }
```

# Background

The CSS property to change the background color of an element to Hex 84801F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84801F }
```

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

```
.background{ background-color:#84801F }
```

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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