

Converting Colors

Hex(83831F)

Have a look what the booklet for
Hex(83831F) contains.

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Color

Hex(83831F)

Conversions

Conversions Part 1

Format	Color
Hex	83831F
RGB	131, 131, 31
RGB Percent	51%, 51%, 12%
CMY	0.4863, 0.4863, 0.8784
CMYK	0.00, 0.00, 0.76, 0.49
HSL	60°, 62%, 32%
HSV	60°, 76%, 51%
XYZ	17.7237, 21.1568, 4.4459
YIQ	119.6000, 32.1000, -31.1000

Conversions

Conversions Part 2

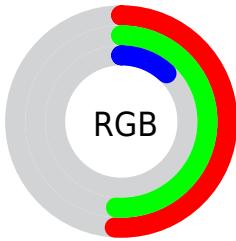
Format	Color
RYB	31, 131, 31
Decimal	8618783
CIELab	53.12, -12.28, 50.30
CIElCh	53, 51.781, 103.717
Yxy	21.1568, 0.4091, 0.4883
Android (android.graphics.Color)	4286808863 (0xFF83831F)
YUV	119.6000, -43.6798, 9.9978
Hunter-Lab	45.9965, -11.7132, 26.4668

Details

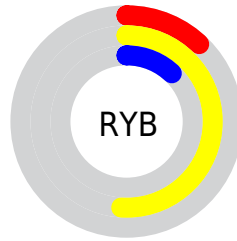
The Hex color **83831F** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **1F1F83**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **BBB854**, and **4E5200** is the 20% darker color. If you saturate the color by 10%, you get **838312**, and if you desaturate by 10%, it is **83832C**.

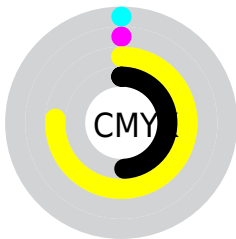
Distribution



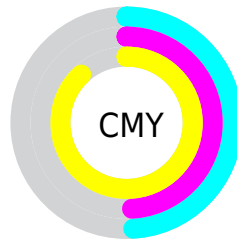
- Red (51%)
- Green (51%)
- Blue (12%)



- Red (12%)
- Yellow (51%)
- Blue (12%)



- Cyan (0%)
- Magenta (0%)
- Yellow (76%)
- Black (49%)



- Cyan (49%)
- Magenta (49%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83831F 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 83831F by changing the saturation by 10% instead.



83831F



83831F

FFFFFF



686A00



BBB854



4E5200



D7D36E



353B00



F5F088



1C2600



FFFFA4



001200



FFFFBF



000000



FFFFDC



FFFFF9



83831F



83831F

■ 838312

■ 83832C

■ 838305

■ 838339

■ 838300

■ 838346

■ 838353

■ 838361

■ 83836E

■ 83837B

■ 838388

■ 838395

Harmonies

Analogous

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



AA7424



83831F



518D3B

Triad

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



83831F



0092BB



C35999

Complementary

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



83831F



1F1F83

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.



9B6AC0



83831F



008BD4

Square

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



83831F



009493



507DD6



D0566C

Rectangle

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



83831F



139155



507DD6



B95EA7

Sweetspot

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



83831F



ABAB84



831F1F



57573E



D6D6D6



575757

Same Dimension

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



83831F



ABAB0E



51831F



42423C



828200



030300

Inverse Universe

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



1F1F83



0E0EAB



511F83



3C3C42



000082



000003

Previews

White Background



This preview shows how the Hex color 83831F looks on a white background.

Color Contrast Check

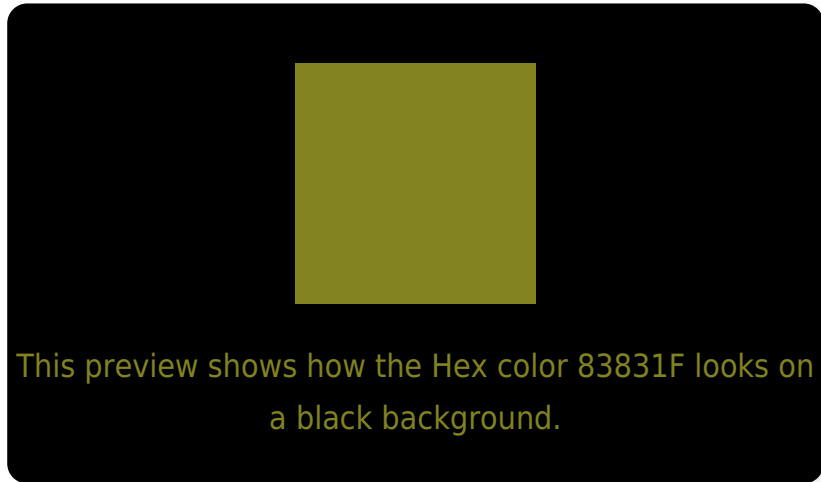
Large Text (above 18pt) WCAG AA ✓ Pass

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

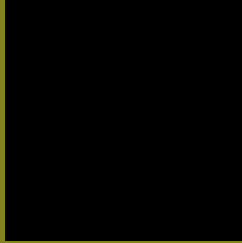
Any Text WCAG AA ✓ Pass

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 83831F Background



This preview shows how black text looks on a background with the Hex color 83831F.



This preview shows how white text looks on a background with the Hex color 83831F.

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
83831F

Protanopia
8F7F1E

Deuteranopia
9F7824



Tritanopia
8B7A84

Trichromacy



Original Color
83831F

Protanomaly
8B801E

Deuteranomaly
957C22

Tritanomaly
887D5F

Monochromacy



Original Color
83831F

Achromatopsia
787878

Achromatomaly
7C7C58

CSS Examples

Text

The CSS property to change the color of the text to Hex 83831F 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 #83831F looks like.

```
.text, #text, p{  
    color:#83831F  
}
```

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 #83831F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83831F
}
```

Border

The CSS property to change the border of an element to Hex 83831F 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
#83831F }
```

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

```
.border{ border-color:#83831F }
```

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

Here you see how a box with a 4 pixel #83831F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83831F; -webkit-box-shadow:4px 4px  
4px 4px #83831F; box-shadow:4px 4px 4px  
4px #83831F }
```

Background

The CSS property to change the background color of an element to Hex 83831F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83831F }
```

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

```
.background{ background-color:#83831F }
```

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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