

# Converting Colors

Hex(83761F)

Have a look what the booklet for  
Hex(83761F) contains.

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**Color**

**Hex(83761F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83761F
RGB	131, 118, 31
RGB Percent	51%, 46%, 12%
CMY	0.4863, 0.5373, 0.8784
CMYK	0.00, 0.10, 0.76, 0.49
HSL	52°, 62%, 32%
HSV	52°, 76%, 51%
XYZ	16.0858, 17.8811, 3.8999
YIQ	111.9690, 35.6750, -24.3010

# Conversions

## Conversions Part 2

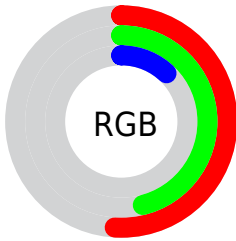
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 131, 31
Decimal	8615455
CIELab	49.35, -5.12, 46.75
CIELCh	49, 47.028, 96.248
Yxy	17.8811, 0.4248, 0.4722
Android (android.graphics.Color)	4286805535 (0xFF83761F)
YUV	111.9690, -39.9177, 16.6902
Hunter-Lab	42.2860, -6.0982, 24.1321

# Details

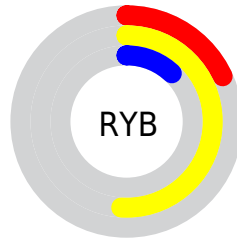
The Hex color **83761F** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1F2C83**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **BBAA52**, and **4E4600** is the 20% darker color. If you saturate the color by 10%, you get **837412**, and if you desaturate by 10%, it is **83782C**.

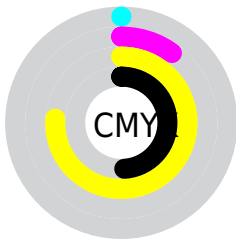
# Distribution



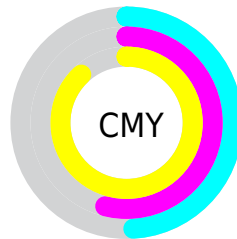
- Red (51%)
- Green (46%)
- Blue (12%)



- Red (18%)
- Yellow (51%)
- Blue (12%)



- Cyan (0%)
- Magenta (10%)
- Yellow (76%)
- Black (49%)



- Cyan (49%)
- Magenta (54%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83761F 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 83761F by changing the saturation by 10% instead.





83761F



83761F

FFFFFF



685E00



BBAA52



4E4600



D8C56C



353000



F5E186



1C1B00



FFFDA1



000000



FFFFBD



FFFFD9



FFFFF6



83761F



83761F

■ 837412

■ 83782C

■ 837305

■ 837939

■ 837200

■ 837B46

■ 837D53

■ 837F61

■ 83806E

■ 83827B

■ 838488

■ 838595

# Harmonies

## Analogous

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



A4682A



83761F



598031

# Triad

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



83761F



0088A3



AC5796

# Complementary

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



83761F



1F2C83

# 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.



8267B6



83761F



0082BE

# Square

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



83761F



00897D



3277C5



BE516F

# Rectangle

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



83761F



338547



3277C5



A15CA2



# Sweetspot

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



83761F



ABA684



831F2C



57543E



D6D6D6



575757



# Same Dimension

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



83761F



AB960E



5E831F



42413C



827100



030200



# Inverse Universe

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



1F2C83



0E22AB



441F83



3C3D42



001182



000003



# Previews

## White Background



This preview shows how the Hex color 83761F looks on a white background.

## Color Contrast Check

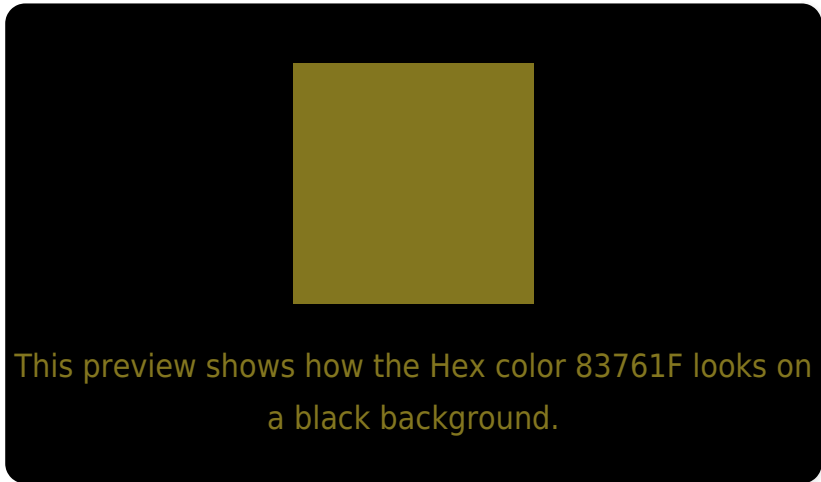
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

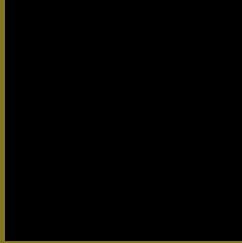
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 83761F Background



This preview shows how black text looks on a background with the Hex color 83761F.



This preview shows how white text looks on a background with the Hex color 83761F.

# 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**  
83761F

**Protanopia**  
84761F

**Deuteranopia**  
936F22



**Tritanopia**  
8A6E77

# Trichromacy



**Original Color**  
83761F

**Protanomaly**  
84761F

**Deuteranomaly**  
8D7221

**Tritanomaly**  
877157

# Monochromacy



**Original Color**  
83761F

**Achromatopsia**  
707070

**Achromatomaly**  
777253

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83761F 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 #83761F looks like.

```
.text, #text, p{  
    color:#83761F  
}
```

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 #83761F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83761F
}
```

## Border

The CSS property to change the border of an element to Hex 83761F 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
#83761F }
```

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

```
.border{ border-color:#83761F }
```

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

Here you see how a box with a 4 pixel #83761F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83761F; -webkit-box-shadow:4px 4px  
4px 4px #83761F; box-shadow:4px 4px 4px  
4px #83761F }
```

# Background

The CSS property to change the background color of an element to Hex 83761F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83761F }
```

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

```
.background{ background-color:#83761F }
```

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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