

# Converting Colors

Hex(88461F)

Have a look what the booklet for  
Hex(88461F) contains.

<b>Hex(88461F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(88461F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	88461F
RGB	136, 70, 31
RGB Percent	53%, 27%, 12%
CMY	0.4667, 0.7255, 0.8784
CMYK	0.00, 0.49, 0.77, 0.47
HSL	22°, 63%, 33%
HSV	22°, 77%, 53%
XYZ	12.5908, 9.7135, 2.5076
YIQ	85.2880, 51.8550, 1.8630

# Conversions

## Conversions Part 2

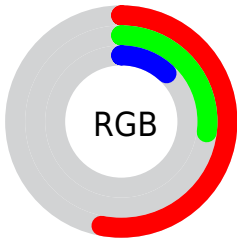
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 93, 31
Decimal	8930847
CIE Lab	37.32, 25.04, 35.03
CIE LCh	37, 43.064, 54.443
Yxy	9.7135, 0.5075, 0.3915
Android (android.graphics.Color)	4287120927 (0xFF88461F)
YUV	85.2880, -26.7640, 44.4744
Hunter-Lab	31.1665, 17.5702, 17.0461

# Details

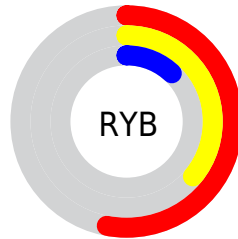
The Hex color **88461F** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1F6188**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **C2774D**, and **511800** is the 20% darker color. If you saturate the color by 10%, you get **883D11**, and if you desaturate by 10%, it is **884F2D**.

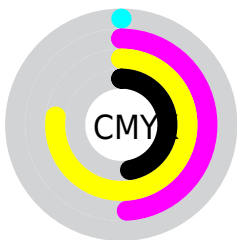
# Distribution



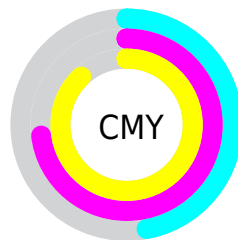
- Red (53%)
- Green (27%)
- Blue (12%)



- Red (53%)
- Yellow (36%)
- Blue (12%)



- Cyan (0%)
- Magenta (49%)
- Yellow (77%)
- Black (47%)



- Cyan (47%)
- Magenta (73%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88461F 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 88461F by changing the saturation by 10% instead.



 88461F

 88461F

FFFFFF

 6C2F08

 C2774D

 511800

 DF9166

 360200

 FDAC7F

 1B0001

 FFC89A

 000000

 FFE4B5

 FFFFD0

 FFFFED

 88461F

 88461F

■ 883D11

■ 884F2D

■ 883504

■ 88573A

■ 883300

■ 886048

■ 886855

■ 887163

■ 887971

■ 88827E

■ 888A8C

■ 889399

# Harmonies

## Analogous

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



96393D



88461F



6F5409

# Triad

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



88461F



006850



4C5197

# Complementary

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



88461F



1F6188

# 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.



005E9D



88461F



006874

# Square

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



88461F



1D652D



006590



7C4281

# Rectangle

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



88461F



5A5B09



006590



32569B



# Sweetspot

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



88461F



B09787



881F61



594A40



D9D9D9



595959



# Same Dimension

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



88461F



B0490C



887A1F



45413E



853100



050200



# Inverse Universe

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



1F6188



0C73B0



1F2D88



3E4245



005385



000305



# Previews

## White Background



This preview shows how the Hex color 88461F looks on a white background.

## Color Contrast Check

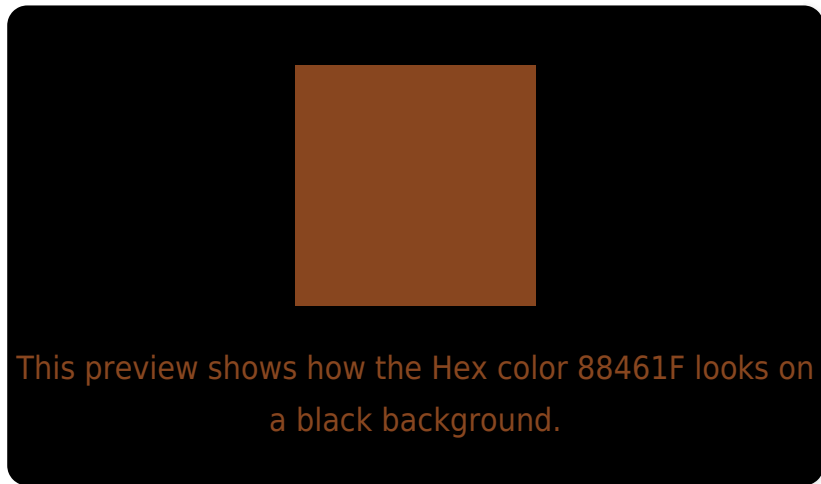
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 88461F Background



This preview shows how black text looks on a background with the Hex color 88461F.



This preview shows how white text looks on a background with the Hex color 88461F.

# 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**  
88461F

**Protanopia**  
635924

**Deuteranopia**  
6F541B



**Tritanopia**  
8A4246

# Trichromacy



**Original Color**  
88461F

**Protanomaly**  
705222

**Deuteranomaly**  
784F1C

**Tritanomaly**  
894338

# Monochromacy



**Original Color**  
88461F

**Achromatopsia**  
555555

**Achromatomaly**  
685041

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88461F 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 #88461F looks like.

```
.text, #text, p{  
    color:#88461F  
}
```

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 #88461F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88461F
}
```

## Border

The CSS property to change the border of an element to Hex 88461F is called "border". The border property can be set on classes, ids or directly on the HTML element.

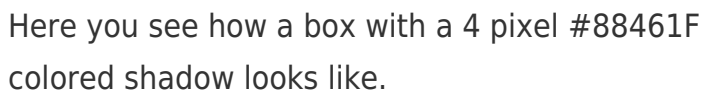
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#88461F }
```

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

```
.border{ border-color:#88461F }
```

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



Here you see how a box with a 4 pixel #88461F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88461F; -webkit-box-shadow:4px 4px  
4px 4px #88461F; box-shadow:4px 4px 4px  
4px #88461F }
```

# Background

The CSS property to change the background color of an element to Hex 88461F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88461F }
```

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

```
.background{ background-color:#88461F }
```

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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