

Converting Colors

Hex(87481F)

Have a look what the booklet for
Hex(87481F) contains.

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Color

Hex(87481F)

Conversions

Conversions Part 1

Format	Color
Hex	87481F
RGB	135, 72, 31
RGB Percent	53%, 28%, 12%
CMY	0.4706, 0.7176, 0.8784
CMYK	0.00, 0.47, 0.77, 0.47
HSL	24°, 63%, 33%
HSV	24°, 77%, 53%
XYZ	12.5564, 9.8846, 2.5424
YIQ	86.1630, 50.7090, 0.6050

Conversions

Conversions Part 2

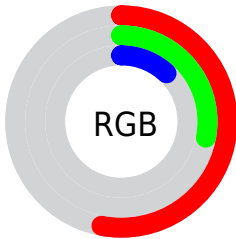
Format	Color
R_{YB}	135, 99, 31
Decimal	8865823
CIE Lab	37.63, 23.47, 35.31
CIE LCh	38, 42.396, 56.390
Yxy	9.8846, 0.5026, 0.3956
Android (android.graphics.Color)	4287055903 (0xFF87481F)
YUV	86.1630, -27.1954, 42.8300
Hunter-Lab	31.4397, 16.2697, 17.2132

Details

The Hex color **87481F** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1F5E87**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **C1794E**, and **501A00** is the 20% darker color. If you saturate the color by 10%, you get **874012**, and if you desaturate by 10%, it is **87502D**.

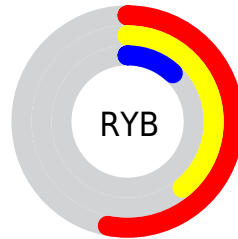
Distribution



Red (53%)

Green (28%)

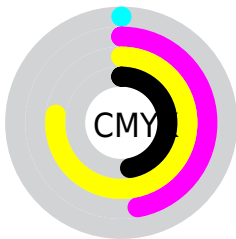
Blue (12%)



Red (53%)

Yellow (39%)

Blue (12%)

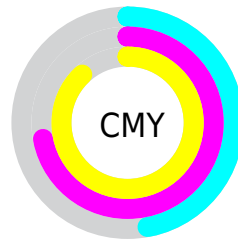


Cyan (0%)

Magenta (47%)

Yellow (77%)

Black (47%)



Cyan (47%)

Magenta (72%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87481F 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 87481F by changing the saturation by 10% instead.

 87481F

 87481F

FFFFFF

 6B3107

 C1794E

 501A00

 DE9366

 350400

 FCAE80

 1A0001

 FFCA9A

 000000

 FFE6B5

 FFFFD1

 FFFFED

 87481F

 87481F

■ 874012

■ 87502D

■ 873804

■ 87583A

■ 873500

■ 876148

■ 876955

■ 877163

■ 877970

■ 87817E

■ 87898B

■ 879299

Harmonies

Analogous

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



953B3C



87481F



6E550B

Triad

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



87481F



006953



515196

Complementary

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



87481F



1F5E87

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



87481F



006976

Square

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



87481F



1B6631



006591



7E427F

Rectangle

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



87481F



585D0E



006591



3A569B

Sweetspot

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



87481F



B09787



871F5F



594A40



D9D9D9



595959

Same Dimension

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



87481F



B04E0E



877B1F



423E3C



823300



030100

Inverse Universe

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



1F5E87



0E70B0



1F2B87



3C4042



004F82



000203

Previews

White Background



This preview shows how the Hex color 87481F looks on a white background.

Color Contrast Check

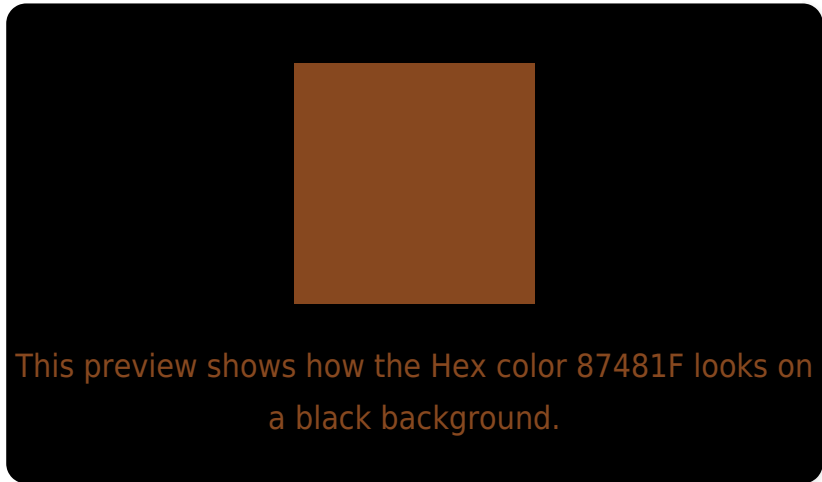
Large Text (above 18pt) WCAG AA ✓ Pass

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 87481F Background



This preview shows how black text looks on a background with the Hex color 87481F.



This preview shows how white text looks on a background with the Hex color 87481F.

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
87481F

Protanopia
635924

Deuteranopia
70551B



Tritanopia
894448

Trichromacy



Original Color
87481F

Protanomaly
705322

Deuteranomaly
78501C

Tritanomaly
884539

Monochromacy



Original Color
87481F

Achromatopsia
565656

Achromatomaly
685142

CSS Examples

Text

The CSS property to change the color of the text to Hex 87481F 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 #87481F looks like.

```
.text, #text, p{  
    color:#87481F  
}
```

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 #87481F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87481F
}
```

Border

The CSS property to change the border of an element to Hex 87481F is called "border". The border property can be set on classes, ids or directly on the HTML element.

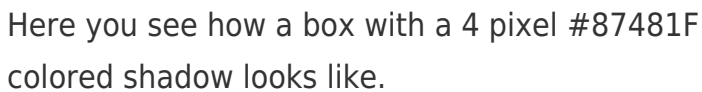
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87481F }
```

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

```
.border{ border-color:#87481F }
```

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



Here you see how a box with a 4 pixel #87481F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87481F; -webkit-box-shadow:4px 4px  
4px 4px #87481F; box-shadow:4px 4px 4px  
4px #87481F }
```

Background

The CSS property to change the background color of an element to Hex 87481F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87481F }
```

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

```
.background{ background-color:#87481F }
```

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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