

Converting Colors

Hex(78441F)

Have a look what the booklet for
Hex(78441F) contains.

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Color

Hex(78441F)

Conversions

Conversions Part 1

Format	Color
Hex	78441F
RGB	120, 68, 31
RGB Percent	47%, 27%, 12%
CMY	0.5294, 0.7333, 0.8784
CMYK	0.00, 0.43, 0.74, 0.53
HSL	25°, 59%, 30%
HSV	25°, 74%, 47%
XYZ	10.0602, 8.2262, 2.3539
YIQ	79.3300, 42.8690, -0.4830

Conversions

Conversions Part 2

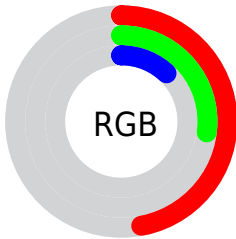
Format	Color
R_{YB}	120, 94, 31
Decimal	7881759
CIE Lab	34.45, 19.06, 31.27
CIE LCh	34, 36.618, 58.635
Yxy	8.2262, 0.4874, 0.3986
Android (android.graphics.Color)	4286071839 (0xFF78441F)
YUV	79.3300, -23.8267, 35.6676
Hunter-Lab	28.6814, 12.4174, 15.2110

Details

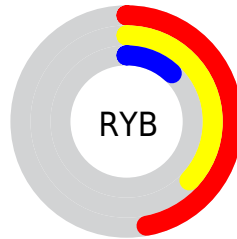
The Hex color **78441F** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1F5378**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **B0754D**, and **431800** is the 20% darker color. If you saturate the color by 10%, you get **783D13**, and if you desaturate by 10%, it is **784B2B**.

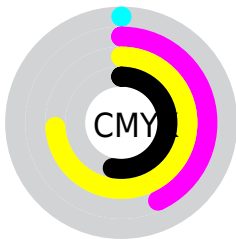
Distribution



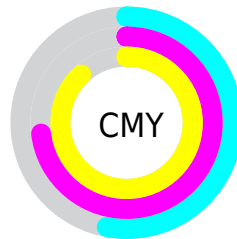
- Red (47%)
- Green (27%)
- Blue (12%)



- Red (47%)
- Yellow (37%)
- Blue (12%)



- Cyan (0%)
- Magenta (43%)
- Yellow (74%)
- Black (53%)



- Cyan (53%)
- Magenta (73%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78441F 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 78441F by changing the saturation by 10% instead.

 78441F

 78441F

FFFFFF

 5D2D08

 B0754D

 431800

 CD8E65

 2A0100

 EAA97F

 000000

 FFC499

 FFE0B4

 FFFDD0

 FFFFEC

 78441F

 78441F

■ 783D13

■ 784B2B

■ 783607

■ 785237

■ 783200

■ 785943

■ 78604F

■ 78675B

■ 786E67

■ 787573

■ 787C7F

■ 78838B

Harmonies

Analogous

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



853A37



78441F



624F12

Triad

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



78441F



005F4F



4F4A84

Complementary

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



78441F



1F5378

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.



00558B



78441F



005F6C

Square

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



78441F



1C5D31



005C82



733E70

Rectangle

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



78441F



4F5515



005C82



3E4E88

Sweetspot

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



78441F



9C8879



781F54



4F433A



CFCFCF



4F4F4F

Same Dimension

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



78441F



9C4B11



786F1F



3D3A37



7D3400



FC6900

Inverse Universe

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



1F5378



11629C



1F2878



373B3D



00497D



0093FC

Previews

White Background



This preview shows how the Hex color 78441F looks on a white background.

Color Contrast Check

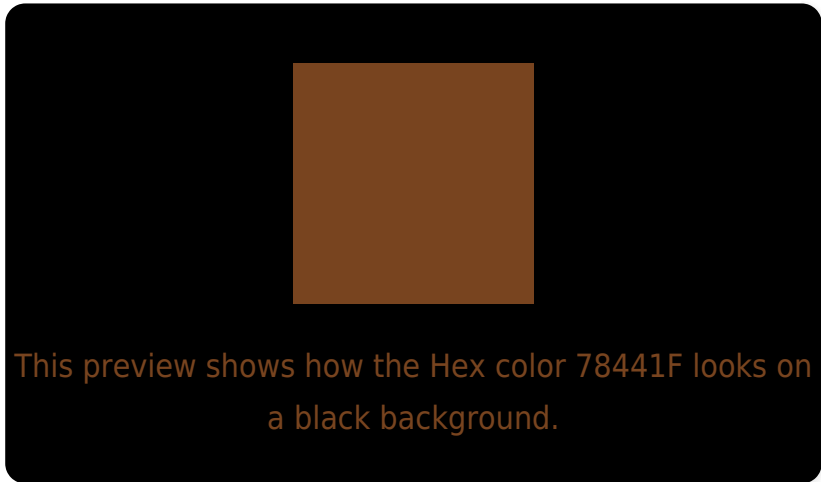
Large Text (above 18pt) WCAG AA ✓ Pass

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

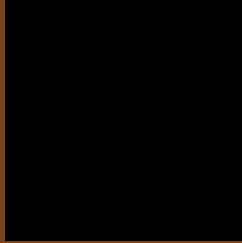
Any Text WCAG AA × Fail

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 78441F Background



This preview shows how black text looks on a background with the Hex color 78441F.



This preview shows how white text looks on a background with the Hex color 78441F.

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
78441F

Protanopia
5B5223

Deuteranopia
664E1C



Tritanopia
7A4045

Trichromacy



Original Color
78441F

Protanomaly
664D22

Deuteranomaly
6D4A1D

Tritanomaly
794137

Monochromacy



Original Color
78441F

Achromatopsia
4F4F4F

Achromatomaly
5E4B3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 78441F 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 #78441F looks like.

```
.text, #text, p{  
    color:#78441F  
}
```

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 #78441F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78441F
}
```

Border

The CSS property to change the border of an element to Hex 78441F is called "border". The border property can be set on classes, ids or directly on the HTML element.

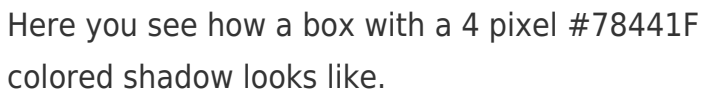
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78441F }
```

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

```
.border{ border-color:#78441F }
```

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



Here you see how a box with a 4 pixel #78441F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78441F; -webkit-box-shadow:4px 4px  
4px 4px #78441F; box-shadow:4px 4px 4px  
4px #78441F }
```

Background

The CSS property to change the background color of an element to Hex 78441F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78441F }
```

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

```
.background{ background-color:#78441F }
```

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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