

Converting Colors

Hex(78641C)

Have a look what the booklet for
Hex(78641C) contains.

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Color

Hex(78641C)

Conversions

Conversions Part 1

Format	Color
Hex	78641C
RGB	120, 100, 28
RGB Percent	47%, 39%, 11%
CMY	0.5294, 0.6078, 0.8902
CMYK	0.00, 0.17, 0.77, 0.53
HSL	47°, 62%, 29%
HSV	47°, 77%, 47%
XYZ	12.5125, 13.1913, 2.9853
YIQ	97.7720, 35.0320, -18.1520

Conversions

Conversions Part 2

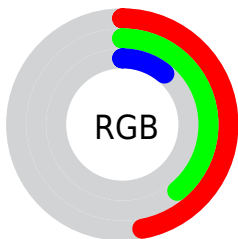
Format	Color
RYB	54, 120, 28
Decimal	7889948
CIELab	43.05, -0.17, 41.50
CIElCh	43, 41.503, 90.237
Yxy	13.1913, 0.4361, 0.4598
Android (android.graphics.Color)	4286080028 (0xFF78641C)
YUV	97.7720, -34.3976, 19.4940
Hunter-Lab	36.3198, -2.0647, 20.5505

Details

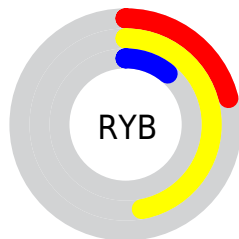
The Hex color **78641C** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1C3078**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **AF974D**, and **443600** is the 20% darker color. If you saturate the color by 10%, you get **786110**, and if you desaturate by 10%, it is **786728**.

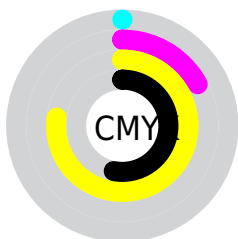
Distribution



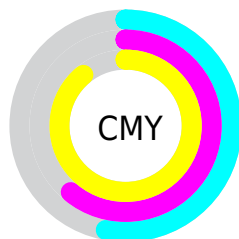
- Red (47%)
- Green (39%)
- Blue (11%)



- Red (21%)
- Yellow (47%)
- Blue (11%)



- Cyan (0%)
- Magenta (17%)
- Yellow (77%)
- Black (53%)



- Cyan (53%)
- Magenta (61%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78641C 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 78641C by changing the saturation by 10% instead.

 78641C

 78641C

FFFFFF

 5D4C00

 AF974D

 443600

 CCB166

 2B2100

 E9CD80

 100B00

 FFE99B

 000000

 FFFFB6

 FFFF D2

 FFFF EF

 78641C

 78641C

■ 786110

■ 786728

■ 785F04

■ 786934

■ 785E00

■ 786C40

■ 786E4C

■ 787158

■ 787464

■ 787670

■ 78797C

■ 787B88

Harmonies

Analogous

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



93572A



78641C



566E26

Triad

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



78641C



007687



904E88

Complementary

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



78641C



1C3078

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.



675DA1



78641C



0072A1

Square

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



78641C



007665



0F69AA



A34767

Rectangle

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



78641C



387238



0F69AA



855392

Sweetspot

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



78641C



9C9478



781C31



4F4A39



CFCFCF



4F4F4F

Same Dimension

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



78641C



9C7C0C



5F781C



3D3C37



7D6200



FCC600

Inverse Universe

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



1C3078



0C2C9C



351C78



37383D



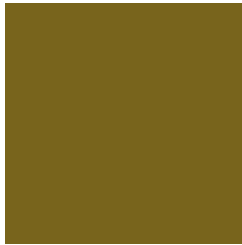
001B7D



0037FC

Previews

White Background



This preview shows how the Hex color 78641C looks on a white background.

Color Contrast Check

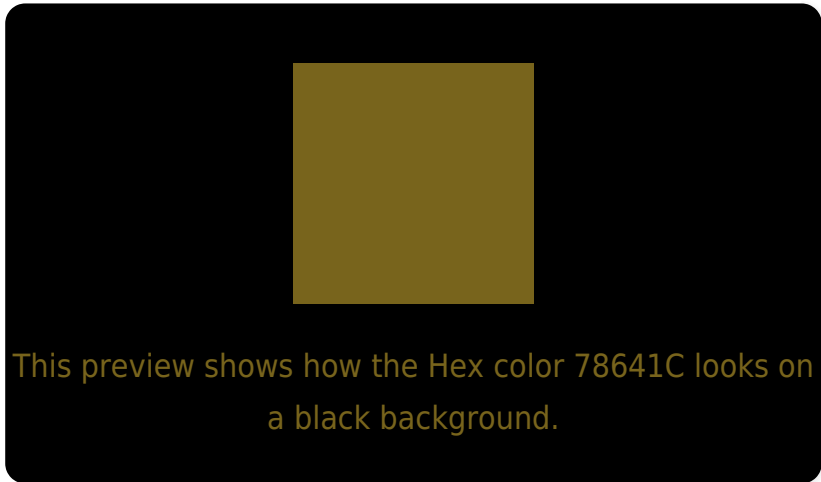
Large Text (above 18pt) WCAG AA ✓ Pass

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 × 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 78641C Background



This preview shows how black text looks on a background with the Hex color 78641C.



This preview shows how white text looks on a background with the Hex color 78641C.

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
78641C

Protanopia
72661D

Deuteranopia
80611D



Tritanopia
7D5D65

Trichromacy



Original Color
78641C

Protanomaly
74651D

Deuteranomaly
7D621D

Tritanomaly
7B604A

Monochromacy



Original Color
78641C

Achromatopsia
626262

Achromatomaly
6A6349

CSS Examples

Text

The CSS property to change the color of the text to Hex 78641C 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 #78641C looks like.

```
.text, #text, p{  
    color:#78641C  
}
```

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 #78641C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78641C
}
```

Border

The CSS property to change the border of an element to Hex 78641C 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
#78641C }
```

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

```
.border{ border-color:#78641C }
```

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

Here you see how a box with a 4 pixel #78641C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78641C; -webkit-box-shadow:4px 4px  
4px 4px #78641C; box-shadow:4px 4px 4px  
4px #78641C }
```

Background

The CSS property to change the background color of an element to Hex 78641C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78641C }
```

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

```
.background{ background-color:#78641C }
```

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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