

Converting Colors

Hex(781E25)

Have a look what the booklet for
Hex(781E25) contains.

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Color

Hex(781E25)

Conversions

Conversions Part 1

Format	Color
Hex	781E25
RGB	120, 30, 37
RGB Percent	47%, 12%, 15%
CMY	0.5294, 0.8824, 0.8549
CMYK	0.00, 0.75, 0.69, 0.53
HSL	355°, 60%, 29%
HSV	355°, 75%, 47%
XYZ	8.5439, 5.0552, 2.2757
YIQ	57.7080, 51.3930, 21.2570

Conversions

Conversions Part 2

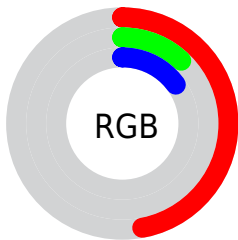
Format	Color
RYB	120, 30, 37
Decimal	7872037
CIELab	26.89, 39.10, 18.86
CIELCh	27, 43.414, 25.748
Yxy	5.0552, 0.5382, 0.3184
Android (android.graphics.Color)	4286062117 (0xFF781E25)
YUV	57.7080, -10.2090, 54.6301
Hunter-Lab	22.4837, 28.4843, 9.7376

Details

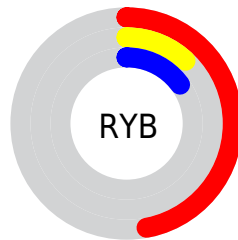
The Hex color **781E25** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1E7871**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **B15152**, and **410000** is the 20% darker color. If you saturate the color by 10%, you get **78121A**, and if you desaturate by 10%, it is **782A30**.

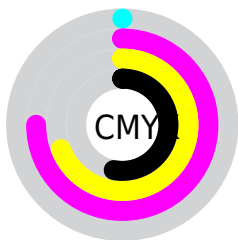
Distribution



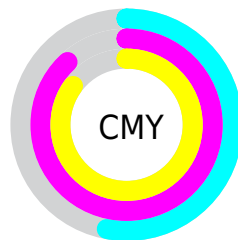
- Red (47%)
- Green (12%)
- Blue (15%)



- Red (47%)
- Yellow (12%)
- Blue (15%)



- Cyan (0%)
- Magenta (75%)
- Yellow (69%)
- Black (53%)



- Cyan (53%)
- Magenta (88%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 781E25 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 781E25 by changing the saturation by 10% instead.

 781E25

 781E25

FFFFFF

 5C0011

 B15152

 410000

 CF6B6A

 270001

 ED8583

 000000

 FFA09D

 FFBCB8

 FFD8D3

 FFF5F0

 781E25

 781E25

 78121A

 782A30

 78060F

 78363B

 780009

 784246

 784E51

 785A5C

 786667

 787272

 787E7E

 788A89

Harmonies

Analogous

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



771946



781E25



6A2E04

Triad

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



781E25



004B17



004582

Complementary

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



781E25



1E7871

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.



004C76



781E25



004E3A

Square

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



781E25



334600



004E5C



33397C

Rectangle

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



781E25



5B3800



004E5C



004880

Sweetspot

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



781E25



9C787B



701E78



4F393B



CFCFCF



4F4F4F

Same Dimension

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



781E25



9C101A



78441E



3D3738



7D000A



FC0014

Inverse Universe

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



781E25



9C101A



1E5378



3D3738



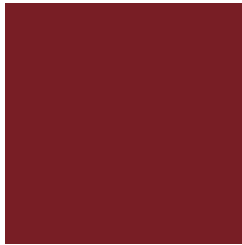
7D000A



FC0014

Previews

White Background



This preview shows how the Hex color 781E25 looks on a white background.

Color Contrast Check

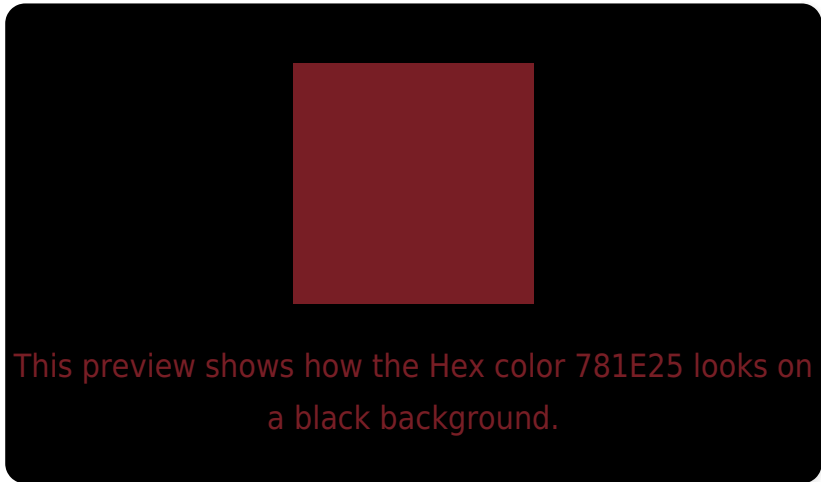
Large Text (above 18pt) WCAG AA ✓ Pass

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 781E25 Background



This preview shows how black text looks on a background with the Hex color 781E25.

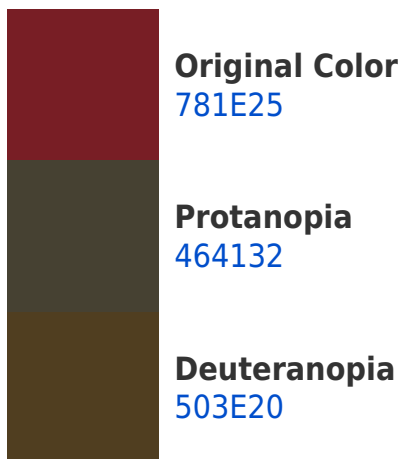


This preview shows how white text looks on a background with the Hex color 781E25.

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





Tritanopia
781F20

Trichromacy



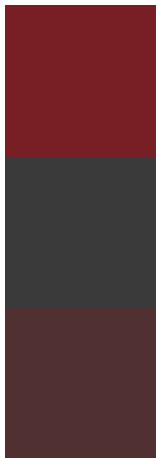
Original Color
781E25

Protanomaly
58342D

Deuteranomaly
5F3222

Tritanomaly
781F22

Monochromacy



Original Color
781E25

Achromatopsia
3A3A3A

Achromatomaly
513032

CSS Examples

Text

The CSS property to change the color of the text to Hex 781E25 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 #781E25 looks like.

```
.text, #text, p{  
    color:#781E25  
}
```

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 #781E25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #781E25
}
```

Border

The CSS property to change the border of an element to Hex 781E25 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".

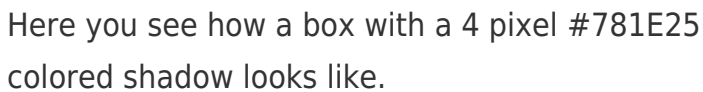
```
.border, #border, table{ border:4px solid
#781E25 }
```

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

```
.border{ border-color:#781E25 }
```

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

Here you see how a box with a 4 pixel #781E25 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #781E25 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #781E25; -webkit-box-shadow:4px 4px  
4px 4px #781E25; box-shadow:4px 4px 4px  
4px #781E25 }
```

Background

The CSS property to change the background color of an element to Hex 781E25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#781E25 }
```

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

```
.background{ background-color:#781E25 }
```

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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