

# Converting Colors

Hex(7C1E2D)

Have a look what the booklet for  
Hex(7C1E2D) contains.

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# Color

Hex(7C1E2D)

# Conversions

## Conversions Part 1

Format	Color
Hex	7C1E2D
RGB	124, 30, 45
RGB Percent	49%, 12%, 18%
CMY	0.5137, 0.8824, 0.8235
CMYK	0.00, 0.76, 0.64, 0.51
HSL	350°, 61%, 30%
HSV	350°, 76%, 49%
XYZ	9.2501, 5.4031, 3.0380
YIQ	59.8160, 51.2090, 24.5930

# Conversions

## Conversions Part 2

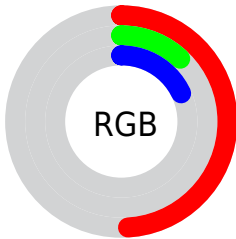
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">124, 30, 45</a>
Decimal	<a href="#">8134189</a>
CIELab	<a href="#">27.85, 40.96, 14.95</a>
CIElCh	<a href="#">28, 43.607, 20.049</a>
Yxy	<a href="#">5.4031, 0.5229, 0.3054</a>
Android (android.graphics.Color)	<a href="#">4286324269 (0xFF7C1E2D)</a>
YUV	<a href="#">59.8160, -7.3043, 56.2894</a>
Hunter-Lab	<a href="#">23.2446, 30.3556, 8.5222</a>

# Details

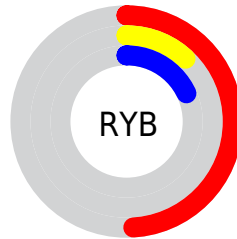
The Hex color **7C1E2D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1E7C6D**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **B5525A**, and **450000** is the 20% darker color. If you saturate the color by 10%, you get **7C1223**, and if you desaturate by 10%, it is **7C2A37**.

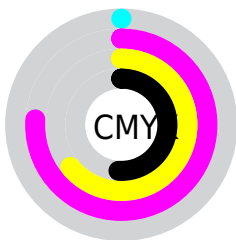
# Distribution



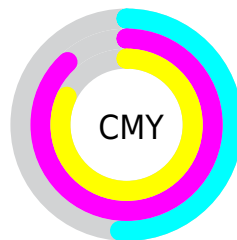
- Red (49%)
- Green (12%)
- Blue (18%)



- Red (49%)
- Yellow (12%)
- Blue (18%)



- Cyan (0%)
- Magenta (76%)
- Yellow (64%)
- Black (51%)



- Cyan (51%)
- Magenta (88%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C1E2D 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 7C1E2D by changing the saturation by 10% instead.



7C1E2D

7C1E2D

FFFFFF

600019

B5525A

450000

D36C73

2C0001

F1878C

000000

FFA2A7

FFBDC2

FFDADE

FFF7FA

7C1E2D

7C1E2D

■ 7C1223

■ 7C2A37

■ 7C0518

■ 7C3742

■ 7C0014

■ 7C434C

■ 7C5057

■ 7C5C61

■ 7C686C

■ 7C7576

■ 7C8180

■ 7C8E8B

# Harmonies

## Analogous

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



771D4E



7C1E2D



712D0D

# Triad

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



7C1E2D



084D12



004984

# Complementary

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



7C1E2D



1E7C6D

# 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.



004F75



7C1E2D



005035

# Square

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



7C1E2D



3C4700



005158



253E81

# Rectangle

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



7C1E2D



623800



005158



004C81



# Sweetspot

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



7C1E2D



A17C82



6C1E7C



523B3E



D1D1D1



525252



# Same Dimension

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



7C1E2D



A10E26



7C3D1E



3D3738



7D0014



FC0028



# Inverse Universe

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



7C1E2D



A10E26



1E5D7C



3D3738



7D0014

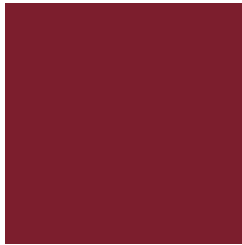


FC0028



# Previews

## White Background



This preview shows how the Hex color 7C1E2D looks on a white background.

## Color Contrast Check

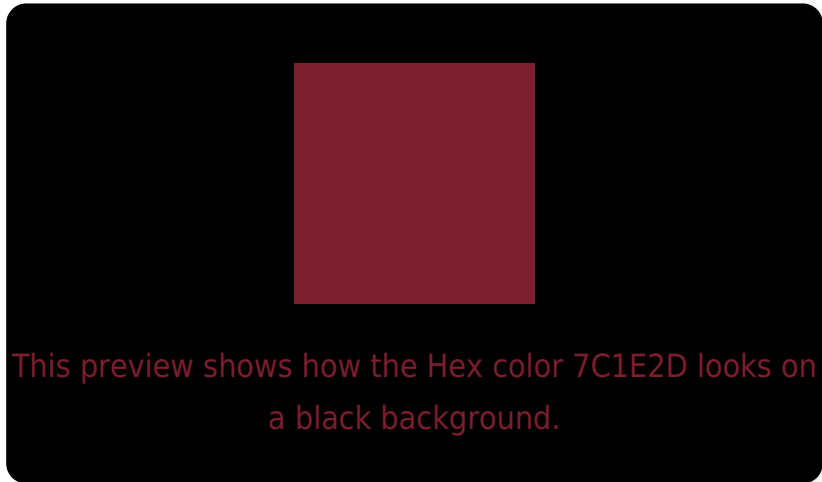
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C1E2D Background



This preview shows how black text looks on a background with the Hex color 7C1E2D.

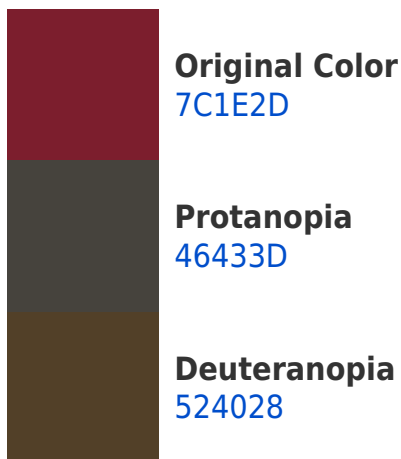


This preview shows how white text looks on a background with the Hex color 7C1E2D.

# 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





# Trichromacy



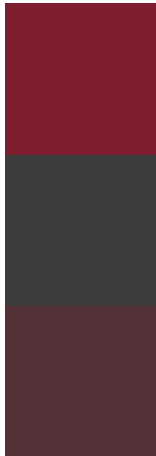
**Original Color**  
7C1E2D

**Protanomaly**  
5A3637

**Deuteranomaly**  
61342A

**Tritanomaly**  
7C1F25

# Monochromacy



**Original Color**  
7C1E2D

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
533137

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C1E2D 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 #7C1E2D looks like.

```
.text, #text, p{  
    color:#7C1E2D  
}
```

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 #7C1E2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C1E2D
}
```

## Border

The CSS property to change the border of an element to Hex 7C1E2D 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
#7C1E2D }
```

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

```
.border{ border-color:#7C1E2D }
```

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

Here you see how a box with a 4 pixel #7C1E2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C1E2D; -webkit-box-shadow:4px 4px  
4px 4px #7C1E2D; box-shadow:4px 4px 4px  
4px #7C1E2D }
```

# Background

The CSS property to change the background color of an element to Hex 7C1E2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C1E2D }
```

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

```
.background{ background-color:#7C1E2D }
```

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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