

# Converting Colors

Hex(78511D)

Have a look what the booklet for  
Hex(78511D) contains.

<b>Hex(78511D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(78511D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	78511D
RGB	120, 81, 29
RGB Percent	47%, 32%, 11%
CMY	0.5294, 0.6824, 0.8863
CMYK	0.00, 0.33, 0.76, 0.53
HSL	34°, 61%, 29%
HSV	34°, 76%, 47%
XYZ	10.9099, 9.9666, 2.5111
YIQ	86.7330, 39.9360, -7.9040

# Conversions

## Conversions Part 2

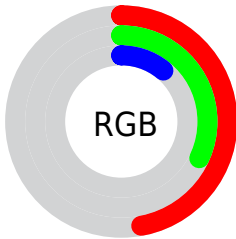
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 120, 29
Decimal	7885085
CIE <sub>Lab</sub>	37.78, 11.17, 35.80
CIE <sub>LCh</sub>	38, 37.503, 72.665
Yxy	9.9666, 0.4665, 0.4261
Android (android.graphics.Color)	4286075165 (0xFF78511D)
YUV	86.7330, -28.4624, 29.1752
Hunter-Lab	31.5700, 6.4384, 17.3830

# Details

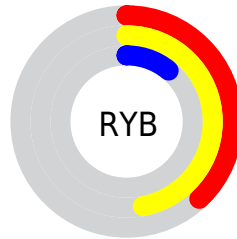
The Hex color **78511D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1D4478**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **B0824C**, and **442400** is the 20% darker color. If you saturate the color by 10%, you get **784C11**, and if you desaturate by 10%, it is **785629**.

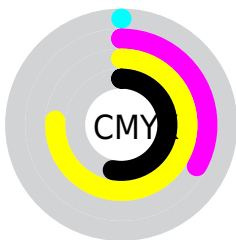
# Distribution



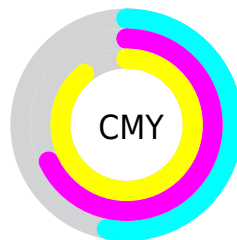
- Red (47%)
- Green (32%)
- Blue (11%)



- Red (38%)
- Yellow (47%)
- Blue (11%)



- Cyan (0%)
- Magenta (33%)
- Yellow (76%)
- Black (53%)



- Cyan (53%)
- Magenta (68%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78511D 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 78511D by changing the saturation by 10% instead.



 78511D

 78511D

FFFFFF

 5D3A04

 B0824C

 442400

 CC9C65

 2A1000

 E9B77E

 040000

 FFD399

 000000

 FFEFB4

 FFFFCF

 FFFFEC

 78511D

 78511D

■ 784C11

■ 785629

■ 784705

■ 785B35

■ 784500

■ 786041

■ 78664D

■ 786B59

■ 787065

■ 787571

■ 787A7D

■ 787F89

# Harmonies

## Analogous

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



8B4531



78511D



5D5B19

# Triad

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



78511D



006865



6B4C86

# Complementary

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



78511D



1D4478

# 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.



395894



78511D



006681

# Square

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



78511D



006746



006193



87416C

# Rectangle

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



78511D



486123



006193



5E508C



# Sweetspot

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



78511D



9C8C78



781D44



4F4639



CFCFCF



4F4F4F



# Same Dimension

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



78511D



9C5F0E



72781D



3D3B37



7D4700



FC9000



# Inverse Universe

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



1D4478



0E4B9C



231D78



373A3D



00367D



006CFC



# Previews

## White Background



This preview shows how the Hex color 78511D looks on a white background.

## Color Contrast Check

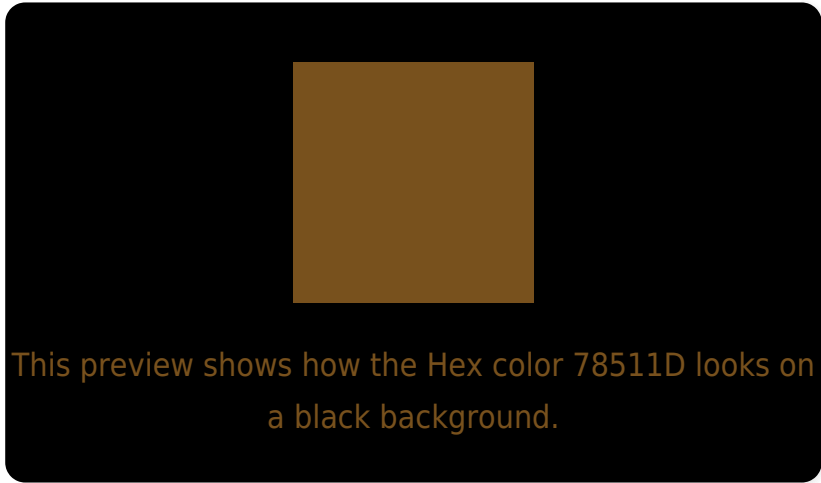
Large Text (above 18pt) WCAG AA ✓ Pass

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 78511D Background



This preview shows how black text looks on a background with the Hex color 78511D.



This preview shows how white text looks on a background with the Hex color 78511D.

# 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**  
78511D

**Protanopia**  
645A1F

**Deuteranopia**  
70551C



**Tritanopia**  
7B4C51

# Trichromacy



**Original Color**  
78511D

**Protanomaly**  
6B571E

**Deuteranomaly**  
73541C

**Tritanomaly**  
7A4E3E

# Monochromacy



**Original Color**  
78511D

**Achromatopsia**  
575757

**Achromatomaly**  
635542

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78511D 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 #78511D looks like.

```
.text, #text, p{  
    color:#78511D  
}
```

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 #78511D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78511D
}
```

## Border

The CSS property to change the border of an element to Hex 78511D 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
#78511D }
```

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

```
.border{ border-color:#78511D }
```

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

Here you see how a box with a 4 pixel #78511D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78511D; -webkit-box-shadow:4px 4px  
4px 4px #78511D; box-shadow:4px 4px 4px  
4px #78511D }
```

# Background

The CSS property to change the background color of an element to Hex 78511D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78511D }
```

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

```
.background{ background-color:#78511D }
```

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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