

# Converting Colors

Hex(7C1E5A)

Have a look what the booklet for  
Hex(7C1E5A) contains.

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# Color

**Hex(7C1E5A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C1E5A
RGB	124, 30, 90
RGB Percent	49%, 12%, 35%
CMY	0.5137, 0.8824, 0.6471
CMYK	0.00, 0.76, 0.27, 0.51
HSL	322°, 61%, 30%
HSV	322°, 76%, 49%
XYZ	10.6219, 5.9518, 10.2618
YIQ	64.9460, 36.7640, 38.5880

# Conversions

## Conversions Part 2

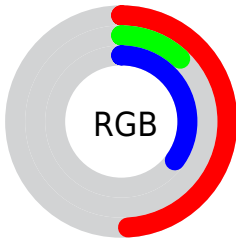
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	124, 30, 90
Decimal	8134234
CIE <sub>Lab</sub>	29.29, 45.62, -12.93
CIE <sub>LCh</sub>	29, 47.417, 344.177
Yxy	5.9518, 0.3958, 0.2218
Android (android.graphics.Color)	4286324314 (0xFF7C1E5A)
YUV	64.9460, 12.3516, 51.7904
Hunter-Lab	24.3963, 35.0234, -7.8617

# Details

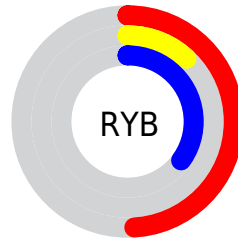
The Hex color **7C1E5A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **1E7C40**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **B4548C**, and **47002C** is the 20% darker color. If you saturate the color by 10%, you get **7C1256**, and if you desaturate by 10%, it is **7C2A5E**.

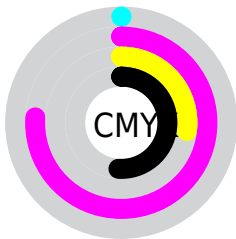
# Distribution



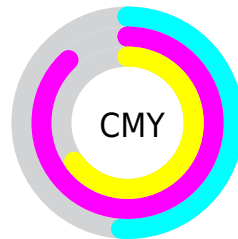
- Red (49%)
- Green (12%)
- Blue (35%)



- Red (49%)
- Yellow (12%)
- Blue (35%)



- Cyan (0%)
- Magenta (76%)
- Yellow (27%)
- Black (51%)



- Cyan (51%)
- Magenta (88%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C1E5A 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 7C1E5A by changing the saturation by 10% instead.



 7C1E5A

 7C1E5A

FFFFFF

 610042

 B4548C

 47002C

 D06EA7

 300018

 ED89C2

 000000

 FFA4DE

 FFC0FA

 FFD0FF

 FFF9FF

 7C1E5A

 7C1E5A

■ 7C1256

■ 7C2A5E

■ 7C0551

■ 7C3763

■ 7C004F

■ 7C4367

■ 7C506C

■ 7C5C70

■ 7C6875

■ 7C7579

■ 7C817E

■ 7C8E82

# Harmonies

## Analogous

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



5C327A



7C1E5A



851935

# Triad

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



7C1E5A



454900



005478

# Complementary

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



7C1E5A



1E7C40

# 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.



005556



7C1E5A



165007

# Square

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



7C1E5A



653C00



005430



004F8C

# Rectangle

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



7C1E5A



80241E



005430



00556E



# Sweetspot

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



7C1E5A



A17C93



3F1E7C



523B49



D1D1D1



525252



# Same Dimension

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



7C1E5A



A10E6C



7C1E2C



3D373B



7D0050



FC00A1



# Inverse Universe

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



7C1E5A



A10E6C



1E7C6E



3D373B



7D0050

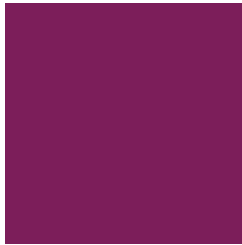


FC00A1



# Previews

## White Background



This preview shows how the Hex color 7C1E5A looks on a white background.

## Color Contrast Check

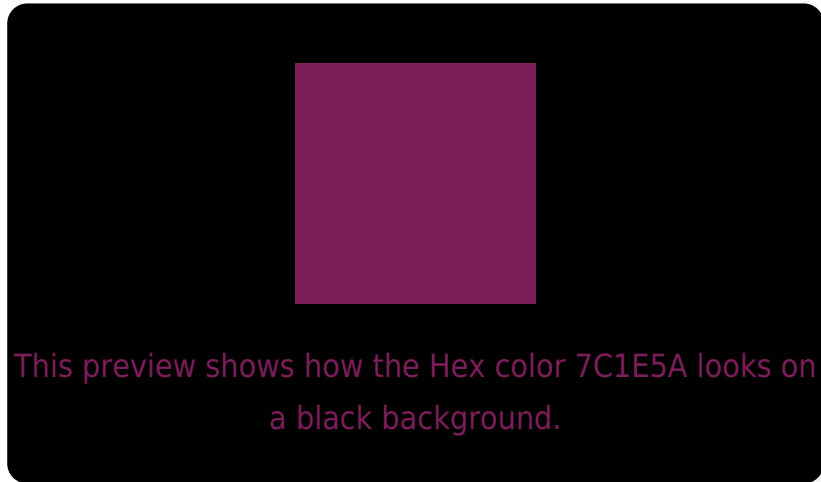
Large Text (above 18pt) WCAG AA ✓ Pass

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

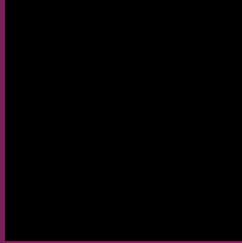
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7C1E5A Background



This preview shows how black text looks on a background with the Hex color 7C1E5A.



This preview shows how white text looks on a background with the Hex color 7C1E5A.

# 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



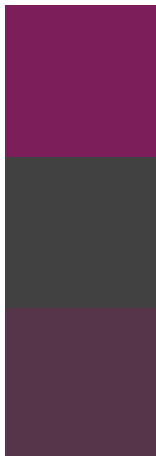
**Original Color**  
7C1E5A

**Protanomaly**  
4C376C

**Deuteranomaly**  
5A3757

**Tritanomaly**  
7A273E

# Monochromacy



**Original Color**  
7C1E5A

**Achromatopsia**  
414141

**Achromatomaly**  
56344A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C1E5A 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 #7C1E5A looks like.

```
.text, #text, p{  
    color:#7C1E5A  
}
```

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 #7C1E5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C1E5A
}
```

## Border

The CSS property to change the border of an element to Hex 7C1E5A 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
#7C1E5A }
```

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

```
.border{ border-color:#7C1E5A }
```

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

Here you see how a box with a 4 pixel #7C1E5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C1E5A; -webkit-box-shadow:4px 4px  
4px 4px #7C1E5A; box-shadow:4px 4px 4px  
4px #7C1E5A }
```

# Background

The CSS property to change the background color of an element to Hex 7C1E5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C1E5A }
```

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

```
.background{ background-color:#7C1E5A }
```

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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