

# Converting Colors

Hex(7A185C)

Have a look what the booklet for  
Hex(7A185C) contains.

<b>Hex(7A185C)</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(7A185C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A185C
RGB	122, 24, 92
RGB Percent	48%, 9%, 36%
CMY	0.5216, 0.9059, 0.6392
CMYK	0.00, 0.80, 0.25, 0.52
HSL	318°, 67%, 29%
HSV	318°, 80%, 48%
XYZ	10.2844, 5.5635, 10.6570
YIQ	61.0540, 36.5800, 41.9240

# Conversions

## Conversions Part 2

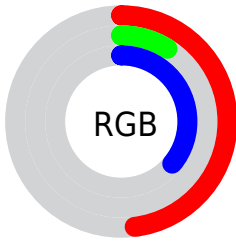
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 24, 92
Decimal	8001628
CIE Lab	28.28, 47.38, -15.82
CIE LCh	28, 49.953, 341.538
Yxy	5.5635, 0.3880, 0.2099
Android (android.graphics.Color)	4286191708 (0xFF7A185C)
YUV	61.0540, 15.2564, 53.4496
Hunter-Lab	23.5872, 36.5517, -10.2771

# Details

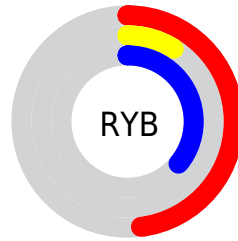
The Hex color **7A185C** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **187A36**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **B14F8E**, and **45002E** is the 20% darker color. If you saturate the color by 10%, you get **7A0C58**, and if you desaturate by 10%, it is **7A2460**.

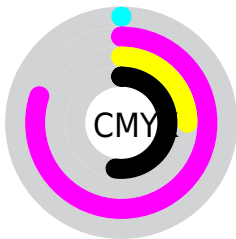
# Distribution



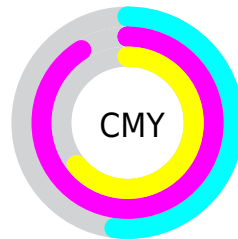
- Red (48%)
- Green (9%)
- Blue (36%)



- Red (48%)
- Yellow (9%)
- Blue (36%)



- Cyan (0%)
- Magenta (80%)
- Yellow (25%)
- Black (52%)



- Cyan (52%)
- Magenta (91%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A185C 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 7A185C by changing the saturation by 10% instead.



 7A185C

 7A185C

FFFFFF

 5F0044

 B14F8E

 45002E

 CE6AA9

 2E001A

 EB85C4

 000000

 FFA0E0

 FFBCFD

 FFD8FF

 FFF5FF

 7A185C

 7A185C

■ 7A0C58

■ 7A2460

■ 7A0055

■ 7A3063

■ 7A3D67

■ 7A496B

■ 7A556F

■ 7A6172

■ 7A6D76

■ 7A7A7A

■ 7A867E

# Harmonies

## Analogous

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



55307D



7A185C



850E36

# Triad

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



7A185C



454600



005275

# Complementary

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



7A185C



187A36

# 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.



005351



7A185C



154E00

# Square

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



7A185C



663800



005229



004E8C

# Rectangle

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



7A185C



811C1D



005229



00536A



# Sweetspot

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



7A185C



9E7892



35187A



4F3848



CFCFCF



4F4F4F



# Same Dimension

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



7A185C



9E0670



7A182C



3D373B



7D0057



FC00AF



# Inverse Universe

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



7A185C



9E0670



187A66



3D373B



7D0057

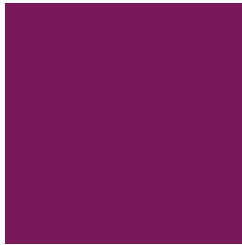


FC00AF



# Previews

## White Background



This preview shows how the Hex color 7A185C looks on a white background.

## Color Contrast Check

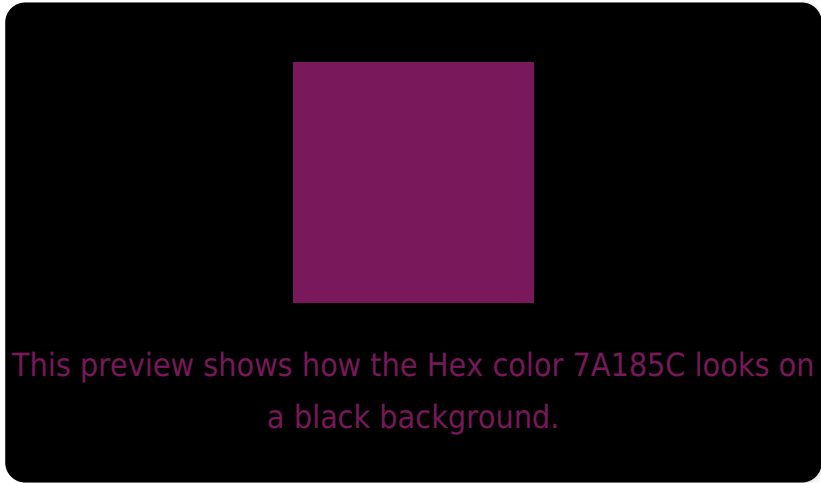
Large Text (above 18pt) WCAG AA ✓ Pass

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

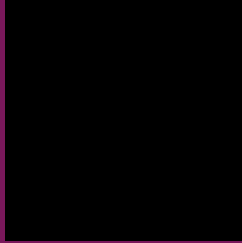
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A185C Background



This preview shows how black text looks on a background with the Hex color 7A185C.



This preview shows how white text looks on a background with the Hex color 7A185C.

# 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**  
7A185C

**Protanopia**  
28437C

**Deuteranopia**  
424357



# Trichromacy



**Original Color**  
7A185C

**Protanomaly**  
463370

**Deuteranomaly**  
563359

**Tritanomaly**  
77233D

# Monochromacy



**Original Color**  
7A185C

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
533048

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A185C 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 #7A185C looks like.

```
.text, #text, p{  
    color:#7A185C  
}
```

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 #7A185C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A185C
}
```

## Border

The CSS property to change the border of an element to Hex 7A185C 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".

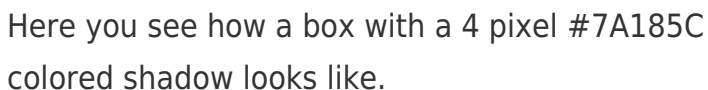
```
.border, #border, table{ border:4px solid
#7A185C }
```

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

```
.border{ border-color:#7A185C }
```

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

Here you see how a box with a 4 pixel #7A185C colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a dark purple border and a dark purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A185C; -webkit-box-shadow:4px 4px  
4px 4px #7A185C; box-shadow:4px 4px 4px  
4px #7A185C }
```

# Background

The CSS property to change the background color of an element to Hex 7A185C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A185C }
```

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

```
.background{ background-color:#7A185C }
```

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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