

Converting Colors

Hex(7A1A89)

Have a look what the booklet for
Hex(7A1A89) contains.

Hex(7A1A89)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7A1A89)

Conversions

Conversions Part 1

Format	Color
Hex	7A1A89
RGB	122, 26, 137
RGB Percent	48%, 10%, 54%
CMY	0.5216, 0.8980, 0.4627
CMYK	0.11, 0.81, 0.00, 0.46
HSL	292°, 68%, 32%
HSV	292°, 81%, 54%
XYZ	12.9108, 6.6825, 24.2763
YIQ	67.3580, 21.5850, 54.8730

Conversions

Conversions Part 2

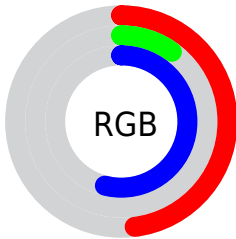
Format	Color
RYB	122, 26, 137
Decimal	8002185
CIELab	31.07, 54.12, -40.11
CIELCh	31, 67.369, 323.456
Yxy	6.6825, 0.2943, 0.1523
Android (android.graphics.Color)	4286192265 (0xFF7A1A89)
YUV	67.3580, 34.3335, 47.9210
Hunter-Lab	25.8505, 43.9115, -37.5840

Details

The Hex color **7A1A89** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **29891A**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **B253BF**, and **450056** is the 20% darker color. If you saturate the color by 10%, you get **780C89**, and if you desaturate by 10%, it is **7C2889**.

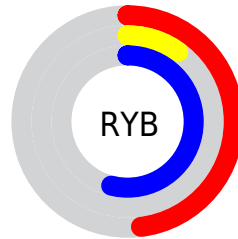
Distribution



Red (48%)

Green (10%)

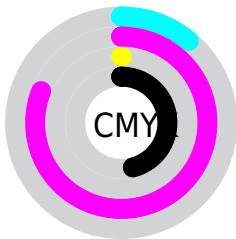
Blue (54%)



Red (48%)

Yellow (10%)

Blue (54%)

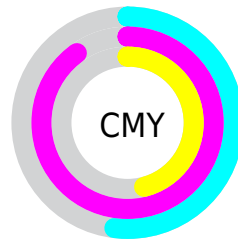


Cyan (11%)

Magenta (81%)

Yellow (0%)

Black (46%)



Cyan (52%)

Magenta (90%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A1A89 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 7A1A89 by changing the saturation by 10% instead.

7A1A89

7A1A89

FFFFFF

5F006F

B253BF

450056

CE6EDB

2D003F

EB89F8

090028

FFA4FF

000111

FFC0FF

000000

FFDDFF

FFFAFF

7A1A89

7A1A89

■ 780C89

■ 7C2889

■ 760089

■ 7E3589

■ 804389

■ 815189

■ 835E89

■ 856C89

■ 877A89

■ 898889

■ 8B9589

Harmonies

Analogous

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



0041AC



7A1A89



9C0057

Triad

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



7A1A89



644300



005E72

Complementary

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



7A1A89



29891A

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.



005D3C



7A1A89



325200

Square

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



7A1A89



892600



005A00



005C9F

Rectangle

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



7A1A89



A10034



005A00



005E60

Sweetspot

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



7A1A89



AD88B3



1A2B89



563F59



D9D9D9



595959

Same Dimension

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



7A1A89



9B05B3



891A62



443E45



730085



040005

Inverse Universe

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



891A29



B3051D



1A8941



453E3F



850012



050001

Previews

White Background



This preview shows how the Hex color 7A1A89 looks on a white background.

Color Contrast Check

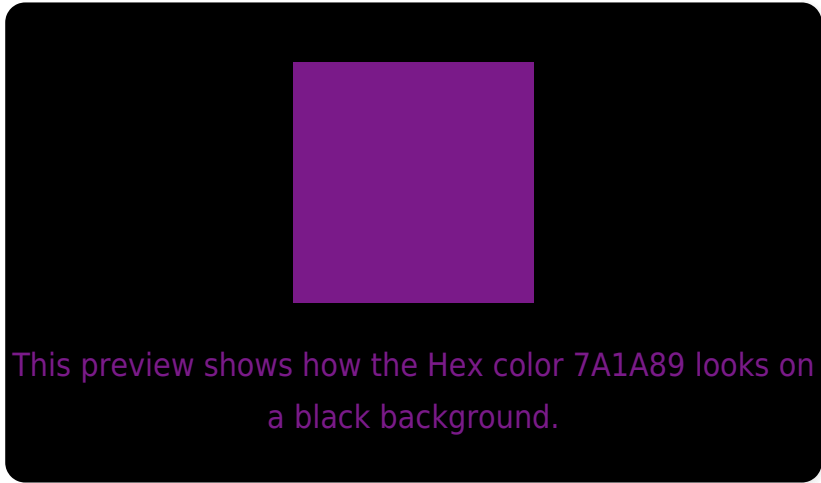
Large Text (above 18pt) WCAG AA ✓ Pass

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

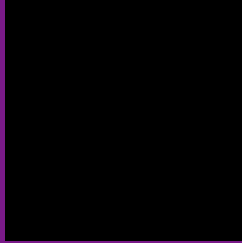
Any Text WCAG AA × Fail

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 7A1A89 Background



This preview shows how black text looks on a background with the Hex color 7A1A89.



This preview shows how white text looks on a background with the Hex color 7A1A89.

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
703A3E

Trichromacy



Original Color

7A1A89



Protanomaly

2C3793



Deuteranomaly

3F3985



Tritanomaly

742E59

Monochromacy



Original Color

7A1A89



Achromatopsia

434343



Achromatomaly

57345C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A1A89 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 #7A1A89 looks like.

```
.text, #text, p{  
    color:#7A1A89  
}
```

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 #7A1A89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A1A89
}
```

Border

The CSS property to change the border of an element to Hex 7A1A89 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
#7A1A89 }
```

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

```
.border{ border-color:#7A1A89 }
```

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

Here you see how a box with a 4 pixel #7A1A89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A1A89; -webkit-box-shadow:4px 4px  
4px 4px #7A1A89; box-shadow:4px 4px 4px  
4px #7A1A89 }
```

Background

The CSS property to change the background color of an element to Hex 7A1A89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A1A89 }
```

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

```
.background{ background-color:#7A1A89 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor