

Converting Colors

Hex(7C1B90)

Have a look what the booklet for
Hex(7C1B90) contains.

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Color

Hex(7C1B90)

Conversions

Conversions Part 1

Format	Color
Hex	7C1B90
RGB	124, 27, 144
RGB Percent	49%, 11%, 56%
CMY	0.5137, 0.8941, 0.4353
CMYK	0.14, 0.81, 0.00, 0.44
HSL	290°, 68%, 34%
HSV	290°, 81%, 56%
XYZ	13.7382, 7.0826, 27.0285
YIQ	69.3410, 20.2550, 56.9510

Conversions

Conversions Part 2

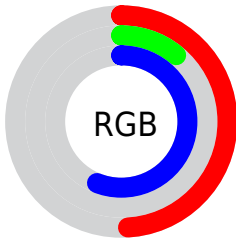
Format	Color
R_{YB}	124, 27, 144
Decimal	8133520
CIE _{Lab}	31.99, 55.53, -42.95
CIE _{LCh}	32, 70.200, 322.282
Yxy	7.0826, 0.2871, 0.1480
Android (android.graphics.Color)	4286323600 (0xFF7C1B90)
YUV	69.3410, 36.8069, 47.9359
Hunter-Lab	26.6131, 45.5720, -41.5864

Details

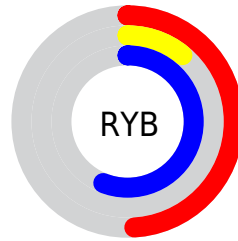
The Hex color **7C1B90** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2F901B**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **B454C7**, and **46005D** is the 20% darker color. If you saturate the color by 10%, you get **7A0D90**, and if you desaturate by 10%, it is **7E2990**.

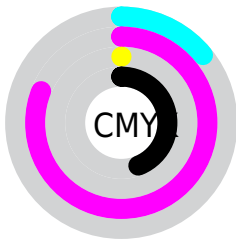
Distribution



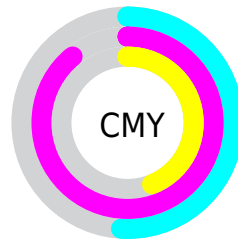
- Red (49%)
- Green (11%)
- Blue (56%)



- Red (49%)
- Yellow (11%)
- Blue (56%)



- Cyan (14%)
- Magenta (81%)
- Yellow (0%)
- Black (44%)



- Cyan (51%)
- Magenta (89%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C1B90 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 7C1B90 by changing the saturation by 10% instead.

7C1B90

7C1B90

FFFFFF

610076

B454C7

46005D

D16FE3

2E0045

EE8AFF

0E002D

FFA6FF

000117

FFC2FF

000000

FFDFFF

FFFCFF

7C1B90

7C1B90

■ 7A0D90

■ 7E2990

■ 770090

■ 813890

■ 834690

■ 865590

■ 886390

■ 8B7190

■ 8D8090

■ 908E90

■ 929D90

Harmonies

Analogous

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



0044B4



7C1B90



A1005C

Triad

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



7C1B90



694400



006174

Complementary

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



7C1B90



2F901B

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.



00603B



7C1B90



355400

Square

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



7C1B90



8F2400



005C00



005FA3

Rectangle

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



7C1B90



A70038



005C00



006161

Sweetspot

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



7C1B90



B38DBA



1B3090



5A435E



DEDEDE



5E5E5E

Same Dimension

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



7C1B90



9B04BA



901B6B



464047



700087



060008

Inverse Universe

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



901B2F



BA0423



1B9040



474041



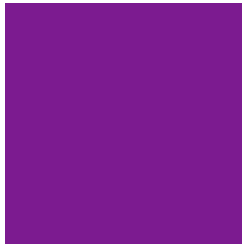
870017



080001

Previews

White Background



This preview shows how the Hex color 7C1B90 looks on a white background.

Color Contrast Check

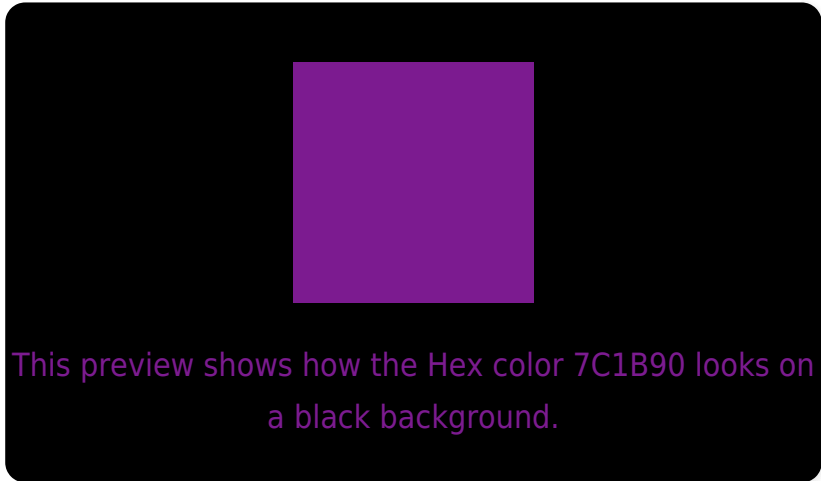
Large Text (above 18pt) WCAG AA ✓ Pass

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

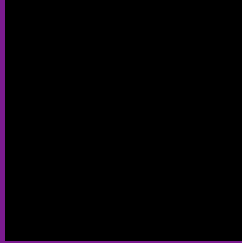
Any Text WCAG AA × Fail

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 7C1B90 Background



This preview shows how black text looks on a background with the Hex color 7C1B90.

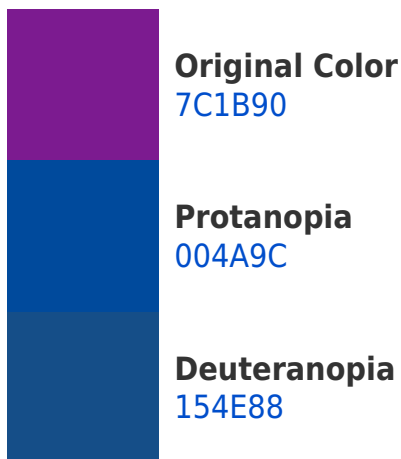


This preview shows how white text looks on a background with the Hex color 7C1B90.

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
713D41

Trichromacy



Original Color
7C1B90



Protanomaly
2D3998



Deuteranomaly
3A3B8B



Tritanomaly
75315E

Monochromacy



Original Color
7C1B90



Achromatopsia
454545



Achromatomaly
593660

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C1B90 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 #7C1B90 looks like.

```
.text, #text, p{  
    color:#7C1B90  
}
```

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 #7C1B90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C1B90
}
```

Border

The CSS property to change the border of an element to Hex 7C1B90 is called "border". The border property can be set on classes, ids or directly on the HTML element.

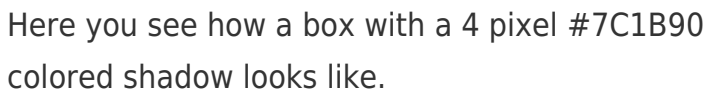
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C1B90 }
```

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

```
.border{ border-color:#7C1B90 }
```

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



Here you see how a box with a 4 pixel #7C1B90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C1B90; -webkit-box-shadow:4px 4px  
4px 4px #7C1B90; box-shadow:4px 4px 4px  
4px #7C1B90 }
```

Background

The CSS property to change the background color of an element to Hex 7C1B90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C1B90 }
```

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

```
.background{ background-color:#7C1B90 }
```

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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