

Converting Colors

Hex(7A1F99)

Have a look what the booklet for
Hex(7A1F99) contains.

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Color

Hex(7A1F99)

Conversions

Conversions Part 1

Format	Color
Hex	7A1F99
RGB	122, 31, 153
RGB Percent	48%, 12%, 60%
CMY	0.5216, 0.8784, 0.4000
CMYK	0.20, 0.80, 0.00, 0.40
HSL	285°, 66%, 36%
HSV	285°, 80%, 60%
XYZ	14.2658, 7.4175, 30.8168
YIQ	72.1170, 15.0740, 57.2340

Conversions

Conversions Part 2

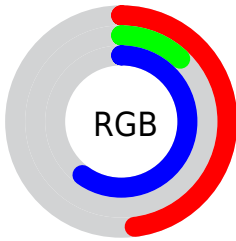
Format	Color
R_{YB}	122, 31, 153
Decimal	8003481
CIE _{Lab}	32.74, 55.64, -47.28
CIE _{LCh}	33, 73.013, 319.643
Yxy	7.4175, 0.2717, 0.1413
Android (android.graphics.Color)	4286193561 (0xFF7A1F99)
YUV	72.1170, 39.8753, 43.7474
Hunter-Lab	27.2350, 45.8377, -48.0230

Details

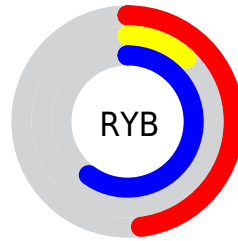
The Hex color **7A1F99** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3E991F**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **B257D0**, and **440065** is the 20% darker color. If you saturate the color by 10%, you get **761099**, and if you desaturate by 10%, it is **7E2E99**.

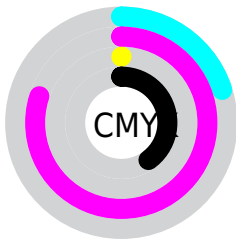
Distribution



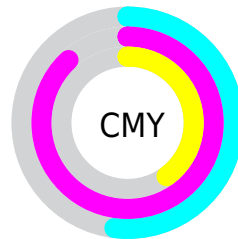
- Red (48%)
- Green (12%)
- Blue (60%)



- Red (48%)
- Yellow (12%)
- Blue (60%)



- Cyan (20%)
- Magenta (80%)
- Yellow (0%)
- Black (40%)



- Cyan (52%)
- Magenta (88%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A1F99 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 7A1F99 by changing the saturation by 10% instead.

 7A1F99

 7A1F99

FFFFFF

 5F007F

 B257D0

 440065

 CF72ED

 2B004C

 EC8DFF

 090035

 FFA8FF

 00021E

 FFC5FF

 000001

 FFE1FF

 000000

 7A1F99

 7A1F99

 761099

 7E2E99

720099

823E99

864D99

8A5C99

8D6B99

917B99

958A99

999999

9DA999

Harmonies

Analogous

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



0048BC



7A1F99



A50064

Triad

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



7A1F99



6F4400



006373

Complementary

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



7A1F99



3E991F

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.



006236



7A1F99



3B5600

Square

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



7A1F99



961F00



005E00



0062A5

Rectangle

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



7A1F99



AC003E



005E00



00635F

Sweetspot

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



7A1F99



BB97C7



1F4099



5C4763



E3E3E3



636363

Same Dimension

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



7A1F99



9608C7



991F7D



4B454D



69008C



0A000D

Inverse Universe

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



991F3E



C70838



1F993B



4D4547



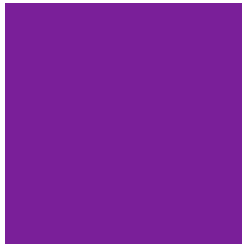
8C0024



0D0003

Previews

White Background



This preview shows how the Hex color 7A1F99 looks on a white background.

Color Contrast Check

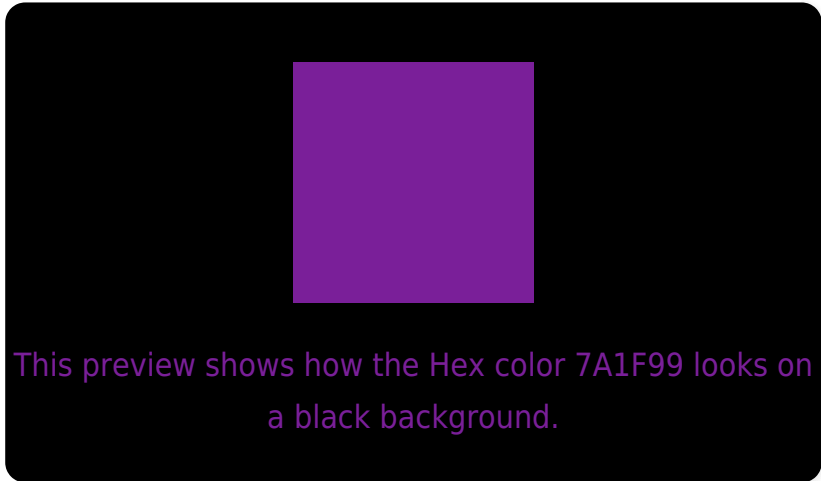
Large Text (above 18pt) WCAG AA ✓ Pass

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

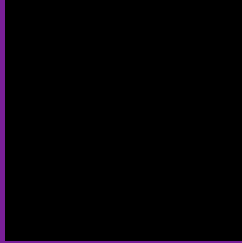
Any Text WCAG AA × Fail

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 7A1F99 Background



This preview shows how black text looks on a background with the Hex color 7A1F99.



This preview shows how white text looks on a background with the Hex color 7A1F99.

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
7A1F99

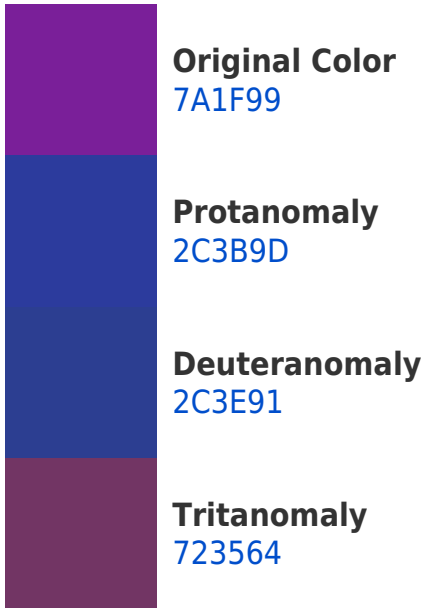
Protanopia
004B9F

Deuteranopia
00508C

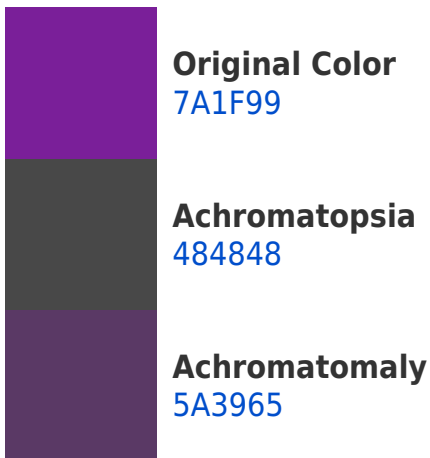


Tritanopia
6E4146

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A1F99 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 #7A1F99 looks like.

```
.text, #text, p{  
    color:#7A1F99  
}
```

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 #7A1F99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A1F99
}
```

Border

The CSS property to change the border of an element to Hex 7A1F99 is called "border". The border property can be set on classes, ids or directly on the HTML element.

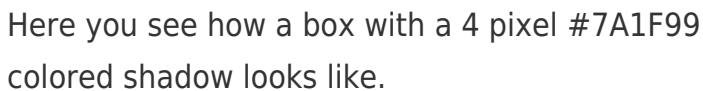
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A1F99 }
```

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

```
.border{ border-color:#7A1F99 }
```

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



Here you see how a box with a 4 pixel #7A1F99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A1F99; -webkit-box-shadow:4px 4px  
4px 4px #7A1F99; box-shadow:4px 4px 4px  
4px #7A1F99 }
```

Background

The CSS property to change the background color of an element to Hex 7A1F99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A1F99 }
```

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

```
.background{ background-color:#7A1F99 }
```

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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