

Converting Colors

Hex(7A317A)

Have a look what the booklet for
Hex(7A317A) contains.

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Color

Hex(7A317A)

Conversions

Conversions Part 1

Format	Color
Hex	7A317A
RGB	122, 49, 122
RGB Percent	48%, 19%, 48%
CMY	0.5216, 0.8078, 0.5216
CMYK	0.00, 0.60, 0.00, 0.52
HSL	300°, 43%, 34%
HSV	300°, 60%, 48%
XYZ	12.6372, 7.7393, 19.2401
YIQ	79.1490, 20.0750, 38.1790

Conversions

Conversions Part 2

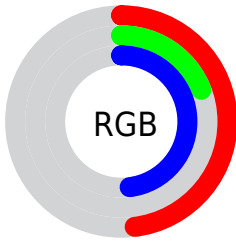
Format	Color
R_{YB}	122, 49, 122
Decimal	8008058
CIE _{Lab}	33.43, 42.12, -27.00
CIE _{LCh}	33, 50.030, 327.338
Yxy	7.7393, 0.3190, 0.1954
Android (android.graphics.Color)	4286198138 (0xFF7A317A)
YUV	79.1490, 21.1255, 37.5803
Hunter-Lab	27.8197, 32.4000, -21.5313

Details

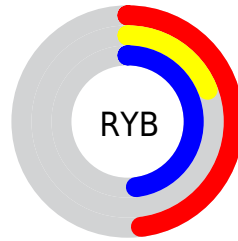
The Hex color **7A317A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **317A31**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **B064AF**, and **460049** is the 20% darker color. If you saturate the color by 10%, you get **7A257A**, and if you desaturate by 10%, it is **7A3D7A**.

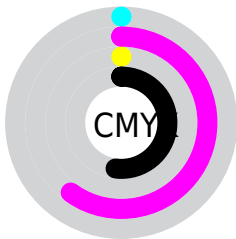
Distribution



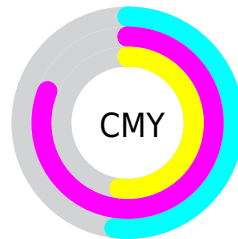
- Red (48%)
- Green (19%)
- Blue (48%)



- Red (48%)
- Yellow (19%)
- Blue (48%)



- Cyan (0%)
- Magenta (60%)
- Yellow (0%)
- Black (52%)



- Cyan (52%)
- Magenta (81%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A317A 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 7A317A by changing the saturation by 10% instead.

7A317A

7A317A

FFFFFF

601661

B064AF

460049

CD7ECA

2F0032

E999E7

11001C

FFB4FF

000000

FFD0FF

FFEDFF

7A317A

7A317A

7A257A

7A3D7A

 7A197A

 7A497A

 7A0C7A

 7A567A

 7A007A

 7A627A

 7A6E7A

 7A7A7A

 7A867A

 7A937A

 7A9F7A

Harmonies

Analogous

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



444696



7A317A



912154

Triad

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



7A317A



634C00



006072

Complementary

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



7A317A



317A31

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.



00604A



7A317A



3C5700

Square

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



7A317A



803B05



005D20



005D91

Rectangle

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



7A317A



94233A



005D20



006065

Sweetspot

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



7A317A



9E829E



31317A



4F3E4F



CFCFCF



4F4F4F

Same Dimension

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



7A317A



9E2C9E



7A3156



3D373D



7D007D



FC00FC

Inverse Universe

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



7A317A



9E2C9E



317A56



3D373D



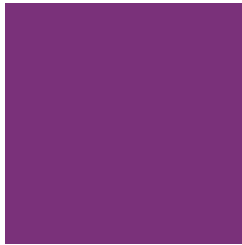
7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 7A317A looks on a white background.

Color Contrast Check

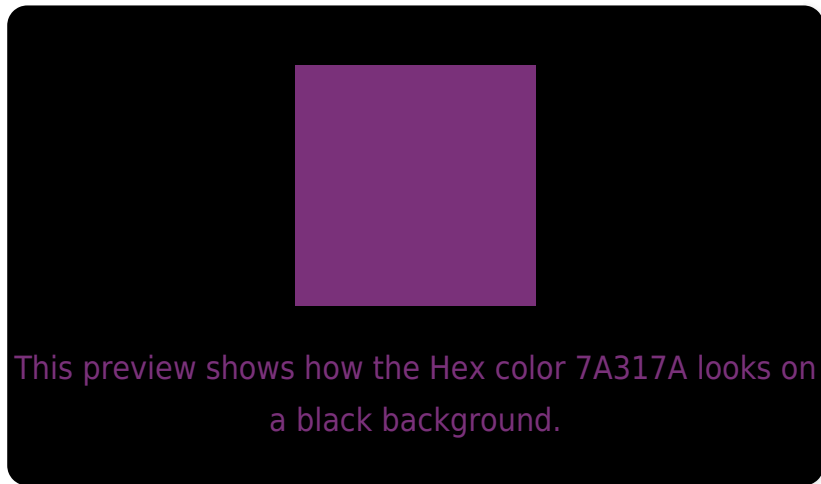
Large Text (above 18pt) WCAG AA ✓ Pass

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

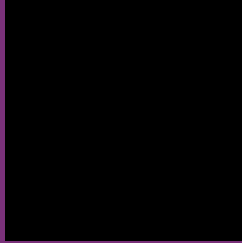
Any Text WCAG AA × Fail

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 7A317A Background



This preview shows how black text looks on a background with the Hex color 7A317A.

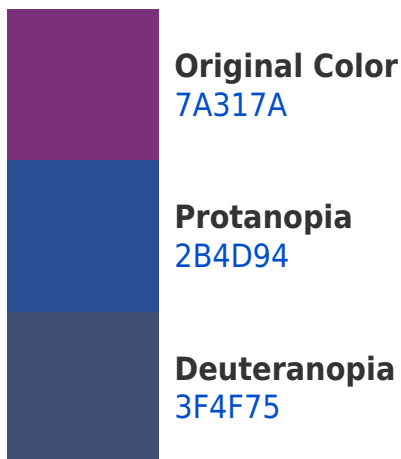


This preview shows how white text looks on a background with the Hex color 7A317A.

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
744045

Trichromacy



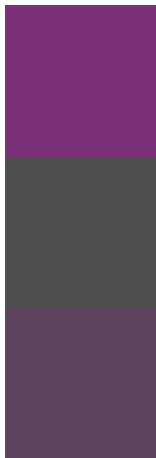
Original Color
7A317A

Protanomaly
48438B

Deuteranomaly
544477

Tritanomaly
763B58

Monochromacy



Original Color
7A317A

Achromatopsia
4F4F4F

Achromatomaly
5F445F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A317A 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 #7A317A looks like.

```
.text, #text, p{  
    color:#7A317A  
}
```

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 #7A317A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A317A
}
```

Border

The CSS property to change the border of an element to Hex 7A317A 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".

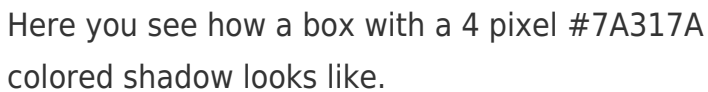
```
.border, #border, table{ border:4px solid
#7A317A }
```

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

```
.border{ border-color:#7A317A }
```

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

Here you see how a box with a 4 pixel #7A317A colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A317A; -webkit-box-shadow:4px 4px  
4px 4px #7A317A; box-shadow:4px 4px 4px  
4px #7A317A }
```

Background

The CSS property to change the background color of an element to Hex 7A317A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A317A }
```

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

```
.background{ background-color:#7A317A }
```

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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