

# Converting Colors

Hex(7A337A)

Have a look what the booklet for  
Hex(7A337A) contains.

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# Color

**Hex(7A337A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A337A
RGB	122, 51, 122
RGB Percent	48%, 20%, 48%
CMY	0.5216, 0.8000, 0.5216
CMYK	0.00, 0.58, 0.00, 0.52
HSL	300°, 41%, 34%
HSV	300°, 58%, 48%
XYZ	12.7227, 7.9104, 19.2686
YIQ	80.3230, 19.5250, 37.1330

# Conversions

## Conversions Part 2

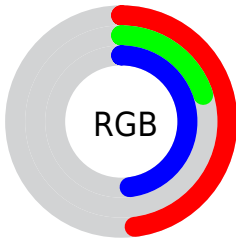
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 51, 122
Decimal	8008570
CIE <sub>Lab</sub>	33.80, 41.13, -26.43
CIE <sub>LCh</sub>	34, 48.895, 327.276
Yxy	7.9104, 0.3189, 0.1982
Android (android.graphics.Color)	4286198650 (0xFF7A337A)
YUV	80.3230, 20.5468, 36.5507
Hunter-Lab	28.1254, 31.5264, -20.9317

# Details

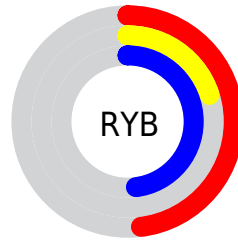
The Hex color **7A337A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **337A33**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **B066AF**, and **460049** is the 20% darker color. If you saturate the color by 10%, you get **7A277A**, and if you desaturate by 10%, it is **7A3F7A**.

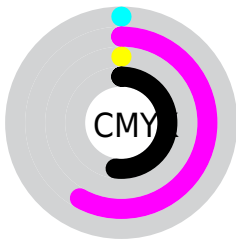
# Distribution



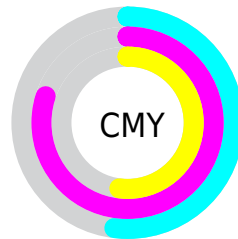
- Red (48%)
- Green (20%)
- Blue (48%)



- Red (48%)
- Yellow (20%)
- Blue (48%)



- Cyan (0%)
- Magenta (58%)
- Yellow (0%)
- Black (52%)



- Cyan (52%)
- Magenta (80%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A337A 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 7A337A by changing the saturation by 10% instead.



7A337A

7A337A

FFFFFF

601961

B066AF

460049

CD80CA

2F0032

E99AE7

12001C

FFB6FF

000000

FFD2FF

FFEFFF

7A337A

7A337A

7A277A

7A3F7A

 7A1B7A

 7A4B7A

 7A0E7A

 7A587A

 7A027A

 7A647A

 7A007A

 7A707A

 7A7C7A

 7A887A

 7A957A

 7AA17A

# Harmonies

## Analogous

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



454795



7A337A



912455

# Triad

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



7A337A



644D00



006172

# Complementary

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



7A337A



337A33

# 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.



00604B



7A337A



3E5800

# Square

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



7A337A



803C09



005E22



005E91

# Rectangle

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



7A337A



93263B



005E22



006165



# Sweetspot

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



7A337A



9E839E



33337A



4F3F4F



CFCFCF



4F4F4F



# Same Dimension

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



7A337A



9E2F9E



7A3357



3D373D



7D007D



FC00FC



# Inverse Universe

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



7A337A



9E2F9E



337A57



3D373D



7D007D



FC00FC



# Previews

## White Background



This preview shows how the Hex color 7A337A looks on a white background.

## Color Contrast Check

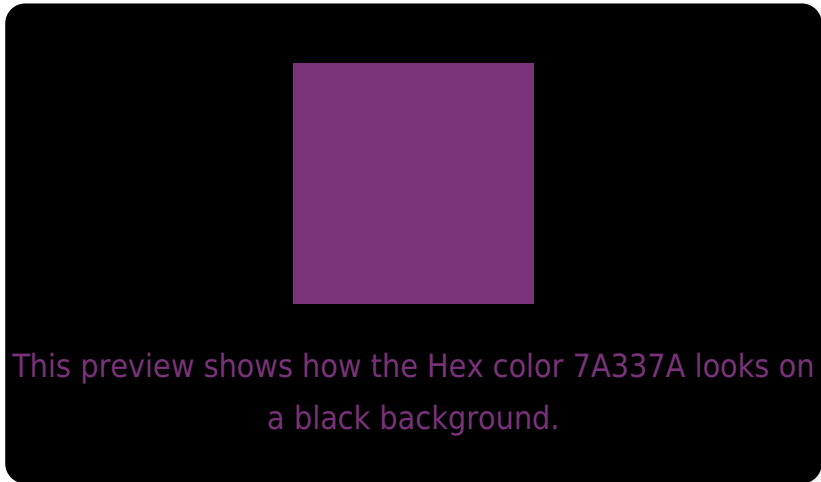
Large Text (above 18pt) WCAG AA ✓ Pass

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

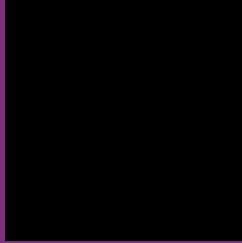
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A337A Background



This preview shows how black text looks on a background with the Hex color 7A337A.

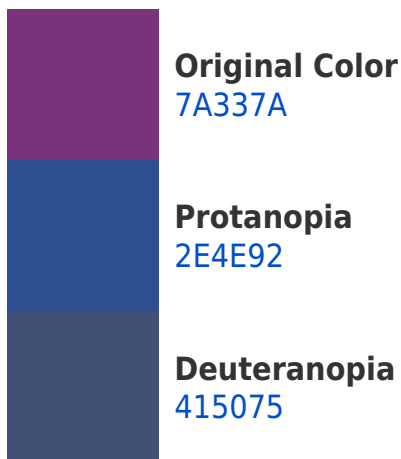



This preview shows how white text looks on a background with the Hex color 7A337A.

# 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**  
744146

# Trichromacy



**Original Color**  
7A337A

**Protanomaly**  
4A4489

**Deuteranomaly**  
564577

**Tritanomaly**  
763C59

# Monochromacy



**Original Color**  
7A337A

**Achromatopsia**  
505050

**Achromatomaly**  
5F455F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A337A 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 #7A337A looks like.

```
.text, #text, p{  
    color:#7A337A  
}
```

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 #7A337A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A337A
}
```

## Border

The CSS property to change the border of an element to Hex 7A337A is called "border". The border property can be set on classes, ids or directly on the HTML element.

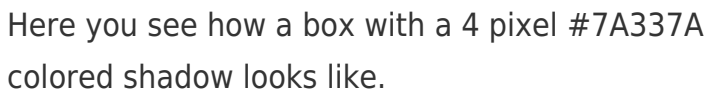
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A337A }
```

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

```
.border{ border-color:#7A337A }
```

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



Here you see how a box with a 4 pixel #7A337A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A337A; -webkit-box-shadow:4px 4px  
4px 4px #7A337A; box-shadow:4px 4px 4px  
4px #7A337A }
```

# Background

The CSS property to change the background color of an element to Hex 7A337A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A337A }
```

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

```
.background{ background-color:#7A337A }
```

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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