

Converting Colors

Hex(7A37AA)

Have a look what the booklet for
Hex(7A37AA) contains.

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Color

Hex(7A37AA)

Conversions

Conversions Part 1

Format	Color
Hex	7A37AA
RGB	122, 55, 170
RGB Percent	48%, 22%, 67%
CMY	0.5216, 0.7843, 0.3333
CMYK	0.28, 0.68, 0.00, 0.33
HSL	275°, 51%, 44%
HSV	275°, 68%, 67%
XYZ	16.6479, 9.7722, 39.0390
YIQ	88.1430, 3.0170, 49.9690

Conversions

Conversions Part 2

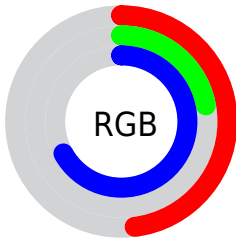
Format	Color
R _Y B	122, 55, 170
Decimal	8009642
CIE Lab	37.43, 49.45, -49.96
CIE LCh	37, 70.296, 314.706
Yxy	9.7722, 0.2543, 0.1493
Android (android.graphics.Color)	4286199722 (0xFF7A37AA)
YUV	88.1430, 40.3555, 29.6926
Hunter-Lab	31.2606, 40.3548, -52.1605

Details

The Hex color **7A37AA** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **67AA37**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **B26BE2**, and **440075** is the 20% darker color. If you saturate the color by 10%, you get **7326AA**, and if you desaturate by 10%, it is **8148AA**.

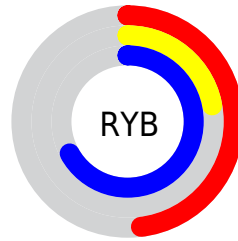
Distribution



Red (48%)

Green (22%)

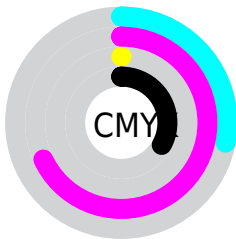
Blue (67%)



Red (48%)

Yellow (22%)

Blue (67%)

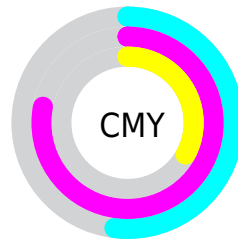


Cyan (28%)

Magenta (68%)

Yellow (0%)

Black (33%)



Cyan (52%)

Magenta (78%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A37AA 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 7A37AA by changing the saturation by 10% instead.

7A37AA

7A37AA

FFFFFF

5F1C8F

B26BE2

440075

CF85FF

28005C

ECA0FF

0D0043

FFBCFF

00032C

FFD8FF

000116

FFF5FF

000000

7A37AA

7A37AA

7326AA

8148AA

6C15AA

8859AA

6504AA

8F6AAA

6300AA

967BAA

9D8CAA

A59DAA

ACAEAA

B3BFAA

BAD0AA

Harmonies

Analogous

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



0056C8



7A37AA



AC0078

Triad

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



7A37AA



844B00



006F74

Complementary

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



7A37AA



67AA37

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.



006D38



7A37AA



535E00

Square

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



7A37AA



A72802



006900



006EA8

Rectangle

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



7A37AA



B70052



006900



006F60

Sweetspot

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



7A37AA



CBB1DE



3769AA



655570



F0F0F0



707070

Same Dimension

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



7A37AA



932ADE



AA37A2



514C54



560094



0C0014

Inverse Universe

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



AA3767



DE2A75



37AA3F



544C4F



94003E



140009

Previews

White Background



This preview shows how the Hex color 7A37AA 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 7A37AA Background



This preview shows how black text looks on a background with the Hex color 7A37AA.

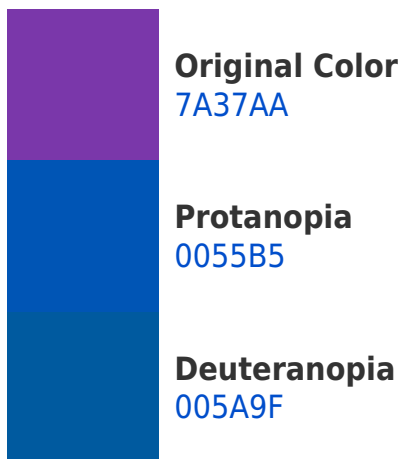



This preview shows how white text looks on a background with the Hex color 7A37AA.

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](#).

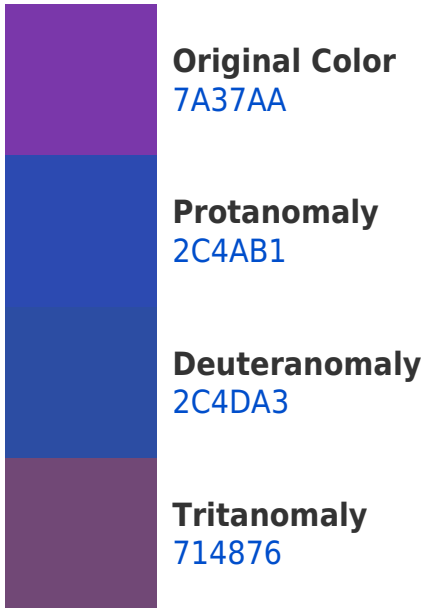
Dichromacy



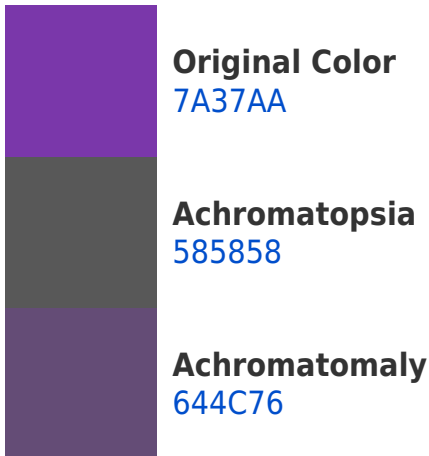


Tritanopia
6C5158

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A37AA 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 #7A37AA looks like.

```
.text, #text, p{  
    color:#7A37AA  
}
```

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 #7A37AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A37AA
}
```

Border

The CSS property to change the border of an element to Hex 7A37AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

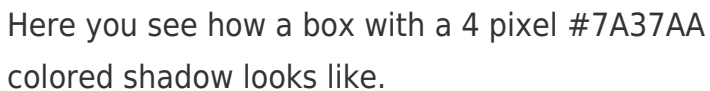
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A37AA }
```

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

```
.border{ border-color:#7A37AA }
```

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



Here you see how a box with a 4 pixel #7A37AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A37AA; -webkit-box-shadow:4px 4px  
4px 4px #7A37AA; box-shadow:4px 4px 4px  
4px #7A37AA }
```

Background

The CSS property to change the background color of an element to Hex 7A37AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A37AA }
```

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

```
.background{ background-color:#7A37AA }
```

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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