

Converting Colors

Hex(7F33AC)

Have a look what the booklet for
Hex(7F33AC) contains.

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Color

Hex(7F33AC)

Conversions

Conversions Part 1

Format	Color
Hex	7F33AC
RGB	127, 51, 172
RGB Percent	50%, 20%, 67%
CMY	0.5020, 0.8000, 0.3255
CMYK	0.26, 0.70, 0.00, 0.33
HSL	278°, 54%, 44%
HSV	278°, 70%, 67%
XYZ	17.3826, 9.8582, 40.0164
YIQ	87.5180, 6.4550, 53.7430

Conversions

Conversions Part 2

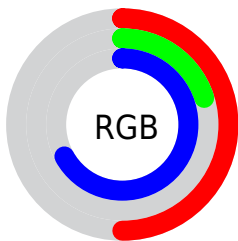
Format	Color
R_{YB}	127, 51, 172
Decimal	8336300
CIE _{Lab}	37.59, 52.83, -50.87
CIE _{LCh}	38, 73.341, 316.086
Yxy	9.8582, 0.2584, 0.1466
Android (android.graphics.Color)	4286526380 (0xFF7F33AC)
YUV	87.5180, 41.6496, 34.6257
Hunter-Lab	31.3978, 43.8758, -53.5864

Details

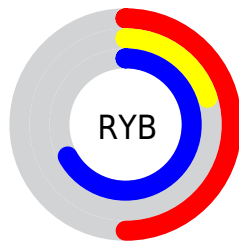
The Hex color **7F33AC** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **60AC33**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **B768E4**, and **480077** is the 20% darker color. If you saturate the color by 10%, you get **7922AC**, and if you desaturate by 10%, it is **8544AC**.

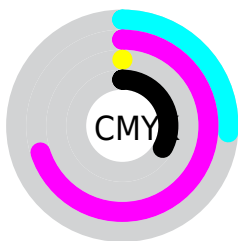
Distribution



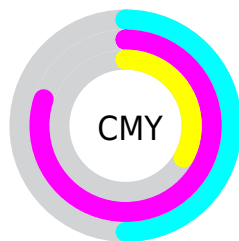
- Red (50%)
- Green (20%)
- Blue (67%)



- Red (50%)
- Yellow (20%)
- Blue (67%)



- Cyan (26%)
- Magenta (70%)
- Yellow (0%)
- Black (33%)



- Cyan (50%)
- Magenta (80%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F33AC 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 7F33AC by changing the saturation by 10% instead.

7F33AC

7F33AC

FFFFFF

641691

B768E4

480077

D482FF

2D005D

F29DFF

120045

FFB9FF

00032D

FFD6FF

000118

FFF3FF

000000

7F33AC

7F33AC

7922AC

8544AC

7211AC

8C55AC

6C00AC

9267AC

9978AC

9F89AC

A59AAC

ACABAC

B2BDAC

B9CEAC

Harmonies

Analogous

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



0056CD



7F33AC



B10077

Triad

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



7F33AC



834C00



007078

Complementary

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



7F33AC



60AC33

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.



006E3A



7F33AC



4F6000

Square

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



7F33AC



A92700



006A00



006FAE

Rectangle

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



7F33AC



BB004F



006A00



007064

Sweetspot

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



7F33AC



CFB1E0



3361AC



665470



F0F0F0



707070

Same Dimension

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



7F33AC



9A24E0



AC339E



534E57



5E0096



0E0017

Inverse Universe

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



AC3360



E0246A



33AC41



574E51



960038



170009

Previews

White Background



This preview shows how the Hex color 7F33AC 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

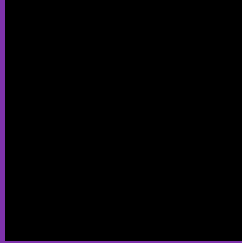
Any Text WCAG AA × Fail

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 7F33AC Background



This preview shows how black text looks on a background with the Hex color 7F33AC.

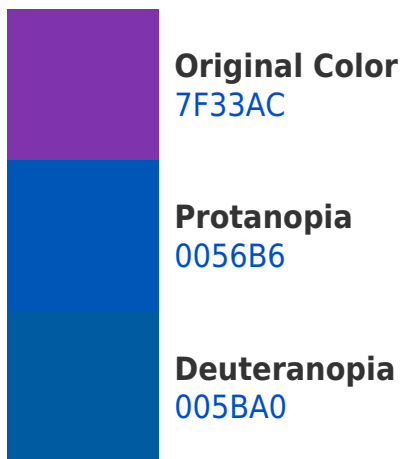



This preview shows how white text looks on a background with the Hex color 7F33AC.

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](#).

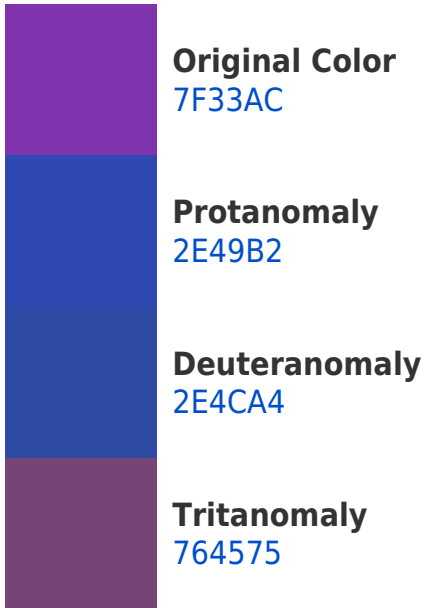
Dichromacy



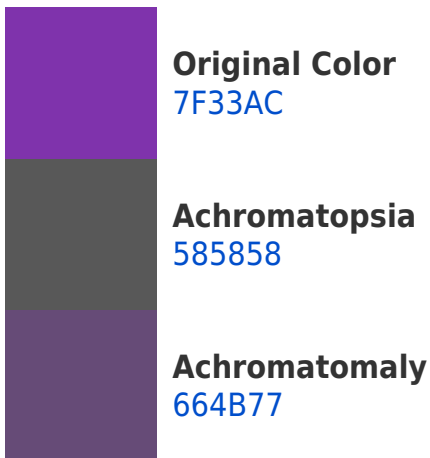


Tritanopia
715056

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7F33AC 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 #7F33AC looks like.

```
.text, #text, p{  
    color:#7F33AC  
}
```

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 #7F33AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F33AC
}
```

Border

The CSS property to change the border of an element to Hex 7F33AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

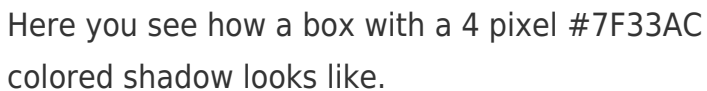
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F33AC }
```

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

```
.border{ border-color:#7F33AC }
```

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



Here you see how a box with a 4 pixel #7F33AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F33AC; -webkit-box-shadow:4px 4px  
4px 4px #7F33AC; box-shadow:4px 4px 4px  
4px #7F33AC }
```

Background

The CSS property to change the background color of an element to Hex 7F33AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F33AC }
```

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

```
.background{ background-color:#7F33AC }
```

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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