

Converting Colors

Hex(7B38BA)

Have a look what the booklet for
Hex(7B38BA) contains.

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Color

Hex(7B38BA)

Conversions

Conversions Part 1

Format	Color
Hex	7B38BA
RGB	123, 56, 186
RGB Percent	48%, 22%, 73%
CMY	0.5176, 0.7804, 0.2706
CMYK	0.34, 0.70, 0.00, 0.27
HSL	271°, 54%, 47%
HSV	271°, 70%, 73%
XYZ	18.4455, 10.5845, 47.5252
YIQ	90.8530, -1.7980, 54.6340

Conversions

Conversions Part 2

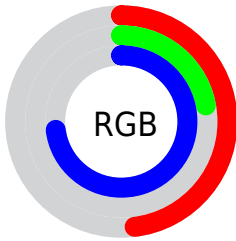
Format	Color
R_{YB}	123, 56, 186
Decimal	8075450
CIE _{Lab}	38.87, 52.97, -57.11
CIE _{LCh}	39, 77.887, 312.846
Yxy	10.5845, 0.2409, 0.1383
Android (android.graphics.Color)	4286265530 (0xFF7B38BA)
YUV	90.8530, 46.9075, 28.1929
Hunter-Lab	32.5338, 44.2689, -63.8369

Details

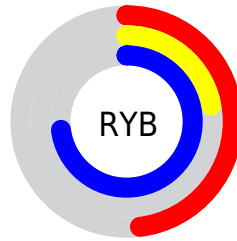
The Hex color **7B38BA** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **77BA38**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **B46CF3**, and **430084** is the 20% darker color. If you saturate the color by 10%, you get **7225BA**, and if you desaturate by 10%, it is **844BBA**.

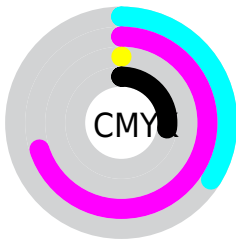
Distribution



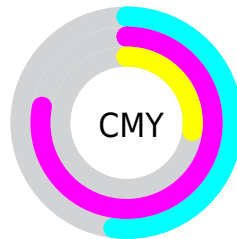
- Red (48%)
- Green (22%)
- Blue (73%)



- Red (48%)
- Yellow (22%)
- Blue (73%)



- Cyan (34%)
- Magenta (70%)
- Yellow (0%)
- Black (27%)



- Cyan (52%)
- Magenta (78%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B38BA 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 7B38BA by changing the saturation by 10% instead.

 7B38BA

 7B38BA

FFFFFF

 5F1D9F

 B46CF3

 430084

 D187FF

 25006A

 EEA2FF

 040051

 FFBEFF

 000139

 FFDAFF

 000222

 FFF7FF

 000008

 000000

 7B38BA

 7B38BA

 7225BA

 844BBA

 6913BA

 8D5DBA

 6000BA

 9670BA

 9F82BA

 A895BA

 B1A8BA

 BABABA

 C3CDBA

 CCDFBA

Harmonies

Analogous

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



005CDA



7B38BA



B60082

Triad

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



7B38BA



8D4B00



007476

Complementary

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



7B38BA



77BA38

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.



007233



7B38BA



586200

Square

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



7B38BA



B41D00



006D00



0074B2

Rectangle

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



7B38BA



C40059



006D00



007460

Sweetspot

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



7B38BA



DABFF2



3879BA



6C5C7A



FAFAFA



7A7A7A

Same Dimension

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



7B38BA



9027F2



BA38BA



57535C



50009C



0E001C

Inverse Universe

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



BA3877



F22789



38BA38



5C5357



9C004B



1C000E

Previews

White Background



This preview shows how the Hex color 7B38BA looks on a white background.

Color Contrast Check

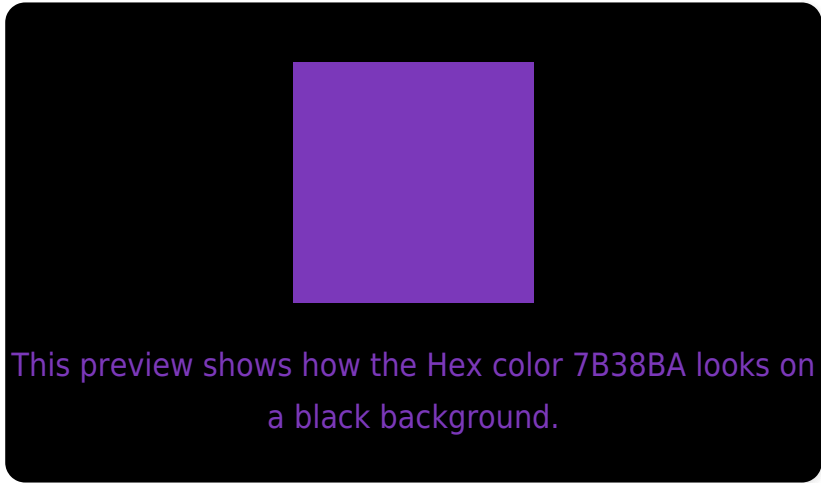
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

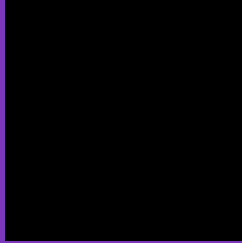
Any Text WCAG AA × Fail

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 7B38BA Background



This preview shows how black text looks on a background with the Hex color 7B38BA.

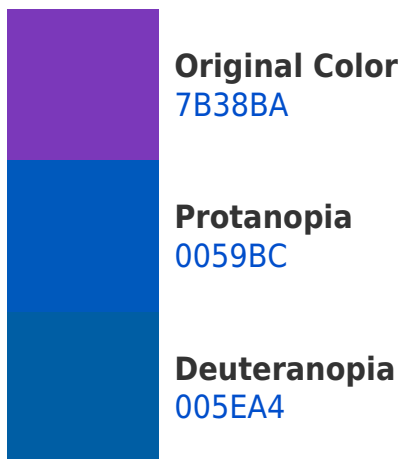


This preview shows how white text looks on a background with the Hex color 7B38BA.

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](#).

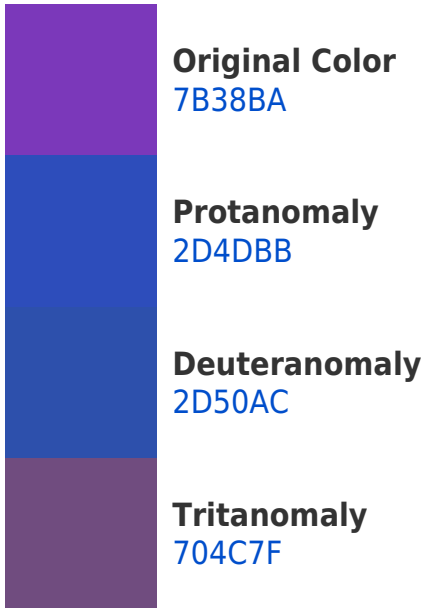
Dichromacy



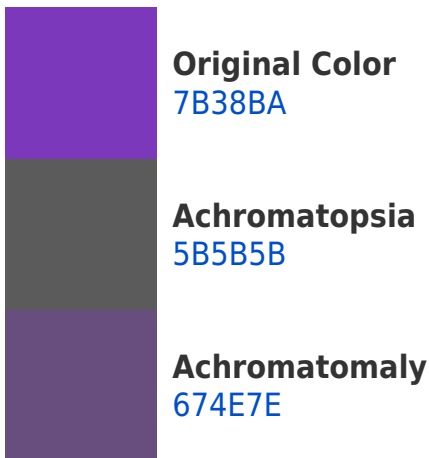


Tritanopia
69575E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B38BA 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 #7B38BA looks like.

```
.text, #text, p{  
    color:#7B38BA  
}
```

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 #7B38BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B38BA
}
```

Border

The CSS property to change the border of an element to Hex 7B38BA 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
#7B38BA }
```

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

```
.border{ border-color:#7B38BA }
```

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

Here you see how a box with a 4 pixel #7B38BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B38BA; -webkit-box-shadow:4px 4px  
4px 4px #7B38BA; box-shadow:4px 4px 4px  
4px #7B38BA }
```

Background

The CSS property to change the background color of an element to Hex 7B38BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B38BA }
```

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

```
.background{ background-color:#7B38BA }
```

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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