

Converting Colors

Hex(7B368A)

Have a look what the booklet for
Hex(7B368A) contains.

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Color

Hex(7B368A)

Conversions

Conversions Part 1

Format	Color
Hex	7B368A
RGB	123, 54, 138
RGB Percent	48%, 21%, 54%
CMY	0.5176, 0.7882, 0.4588
CMYK	0.11, 0.61, 0.00, 0.46
HSL	289°, 44%, 38%
HSV	289°, 61%, 54%
XYZ	14.0750, 8.6843, 24.9792
YIQ	84.2070, 14.1600, 40.7520

Conversions

Conversions Part 2

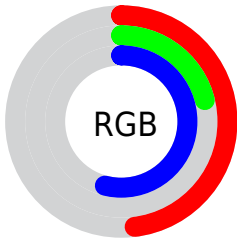
Format	Color
R_{YB}	123, 54, 138
Decimal	8074890
CIE _{Lab}	35.37, 43.11, -33.87
CIE _{LCh}	35, 54.822, 321.847
Yxy	8.6843, 0.2948, 0.1819
Android (android.graphics.Color)	4286264970 (0xFF7B368A)
YUV	84.2070, 26.5199, 34.0215
Hunter-Lab	29.4691, 33.6841, -29.6282

Details

The Hex color **7B368A** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **458A36**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **B269C0**, and **470057** is the 20% darker color. If you saturate the color by 10%, you get **79288A**, and if you desaturate by 10%, it is **7D448A**.

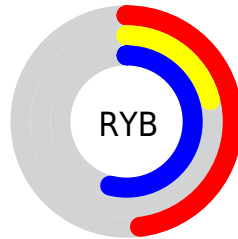
Distribution



Red (48%)

Green (21%)

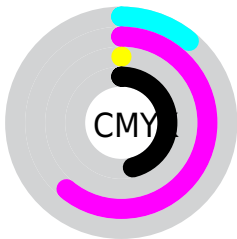
Blue (54%)



Red (48%)

Yellow (21%)

Blue (54%)

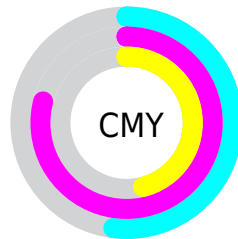


Cyan (11%)

Magenta (61%)

Yellow (0%)

Black (46%)



Cyan (52%)

Magenta (79%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Hex color 7B368A 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 7B368A by changing the saturation by 10% instead.

 7B368A

 7B368A

FFFFFF

 611C70

 B269C0

 470057

 CE83DC

 2E0040

 EB9EF9

 160029

 FFBAFF

 000113

 FFD6FF

 000000

 FFF2FF

 7B368A

 7B368A

 79288A

 7D448A

 761A8A

 80528A

 740D8A

 825F8A

 71008A

 856D8A

 877B8A

 8A898A

 8C978A

 8FA48A

 91B28A

Harmonies

Analogous

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



314DA5



7B368A



9A1F61

Triad

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



7B368A



704D00



006673

Complementary

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



7B368A



458A36

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.



006545



7B368A



475A00

Square

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



7B368A



8E3909



006216



006498

Rectangle

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



7B368A



9F1D44



006216



006664

Sweetspot

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



7B368A



AD92B3



36458A



564659



D9D9D9



595959

Same Dimension

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



7B368A



9B30B3



8A366F



443E45



6D0085



040005

Inverse Universe

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



8A3645



B33047



368A51



453E3F



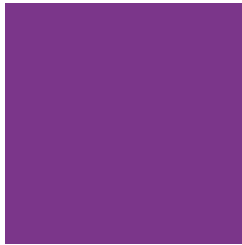
850018



050001

Previews

White Background



This preview shows how the Hex color 7B368A looks on a white background.

Color Contrast Check

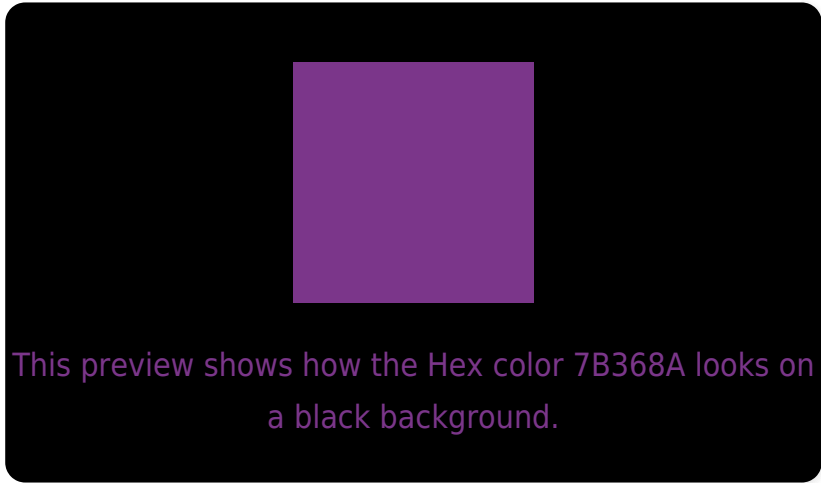
Large Text (above 18pt) WCAG AA ✓ Pass

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

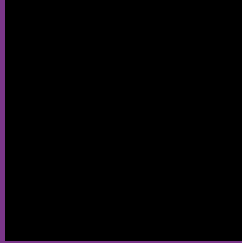
Any Text WCAG AA × Fail

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 7B368A Background



This preview shows how black text looks on a background with the Hex color 7B368A.

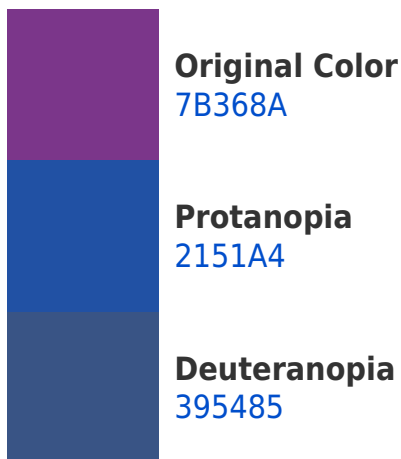



This preview shows how white text looks on a background with the Hex color 7B368A.

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
73474D

Trichromacy



Original Color
7B368A



Protanomaly
42479B



Deuteranomaly
514987



Tritanomaly
764163

Monochromacy



Original Color
7B368A



Achromatopsia
545454



Achromatomaly
624968

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B368A 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 #7B368A looks like.

```
.text, #text, p{  
    color:#7B368A  
}
```

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 #7B368A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B368A
}
```

Border

The CSS property to change the border of an element to Hex 7B368A is called "border". The border property can be set on classes, ids or directly on the HTML element.

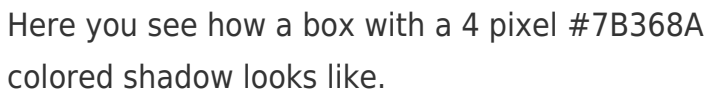
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B368A }
```

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

```
.border{ border-color:#7B368A }
```

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



Here you see how a box with a 4 pixel #7B368A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B368A; -webkit-box-shadow:4px 4px  
4px 4px #7B368A; box-shadow:4px 4px 4px  
4px #7B368A }
```

Background

The CSS property to change the background color of an element to Hex 7B368A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B368A }
```

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

```
.background{ background-color:#7B368A }
```

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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