

Converting Colors

Hex(7A5B7A)

Have a look what the booklet for
Hex(7A5B7A) contains.

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Color

Hex(7A5B7A)

Conversions

Conversions Part 1

Format	Color
Hex	7A5B7A
RGB	122, 91, 122
RGB Percent	48%, 36%, 48%
CMY	0.5216, 0.6431, 0.5216
CMYK	0.00, 0.25, 0.00, 0.52
HSL	300°, 15%, 42%
HSV	300°, 25%, 48%
XYZ	15.2800, 13.0249, 20.1211
YIQ	103.8030, 8.5250, 16.2130

Conversions

Conversions Part 2

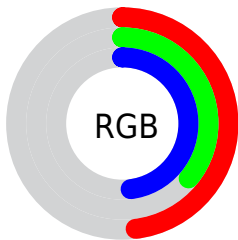
Format	Color
R_{YB}	122, 91, 122
Decimal	8018810
CIE _{Lab}	42.80, 18.42, -12.54
CIE _{LCh}	43, 22.283, 325.760
Yxy	13.0249, 0.3155, 0.2690
Android (android.graphics.Color)	4286208890 (0xFF7A5B7A)
YUV	103.8030, 8.9711, 15.9588
Hunter-Lab	36.0900, 12.4168, -7.7926

Details

The Hex color **7A5B7A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5B7A5B**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **AF8DAE**, and **492D49** is the 20% darker color. If you saturate the color by 10%, you get **7A4F7A**, and if you desaturate by 10%, it is **7A677A**.

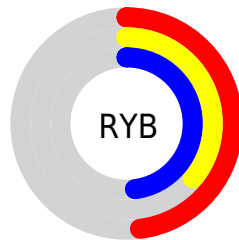
Distribution



Red (48%)

Green (36%)

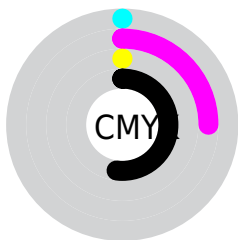
Blue (48%)



Red (48%)

Yellow (36%)

Blue (48%)

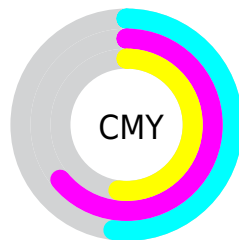


Cyan (0%)

Magenta (25%)

Yellow (0%)

Black (52%)



Cyan (52%)

Magenta (64%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A5B7A 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 7A5B7A by changing the saturation by 10% instead.

 7A5B7A

 7A5B7A

FFFFFF

 614361

 AF8DAE

 492D49

 CAA8CA

 321733

 E7C3E6

 1E001E

 FFDFFF

 000000

 FFFCFF

 7A5B7A

 7A5B7A

 7A4F7A

 7A677A

 7A437A

 7A737A

 7A367A

 7A807A

 7A2A7A

 7A8C7A

 7A1E7A

 7A987A

 7A127A

 7AA47A

 7A067A

 7AB07A

 7A007A

 7ABD7A

 7AC97A

Harmonies

Analogous

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



646186



7A5B7A



875768

Triad

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



7A5B7A



746340



276F74

Complementary

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



7A5B7A



5B7A5B

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.



366F62



7A5B7A



616943

Square

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



7A5B7A



825D47



4C6D50



2E6C83

Rectangle

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



7A5B7A



8A575C



4C6D50



2A6F6E

Sweetspot

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



7A5B7A



9E919E



5B5B7A



4F474F



CFCFCF



4F4F4F

Same Dimension

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



7A5B7A



9E6F9E



7A5B6B



3D373D



7D007D



FC00FC

Inverse Universe

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



7A5B7A



9E6F9E



5B7A6B



3D373D



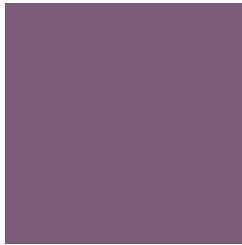
7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 7A5B7A looks on a white background.

Color Contrast Check

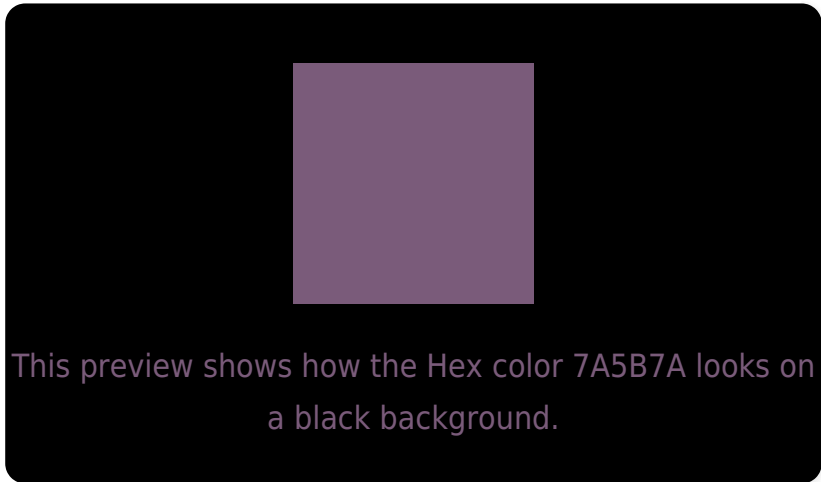
Large Text (above 18pt) WCAG AA ✓ Pass

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

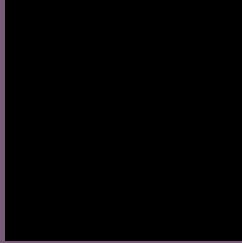
Any Text WCAG AA × Fail

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 7A5B7A Background



This preview shows how black text looks on a background with the Hex color 7A5B7A.



This preview shows how white text looks on a background with the Hex color 7A5B7A.

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



Original Color
7A5B7A

Protanopia
5E6480

Deuteranopia
666378



Tritanopia
775F66

Trichromacy



Original Color
7A5B7A

Protanomaly
68617E

Deuteranomaly
6D6079

Tritanomaly
785E6D

Monochromacy



Original Color
7A5B7A

Achromatopsia
686868

Achromatomaly
6F636F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A5B7A 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 #7A5B7A looks like.

```
.text, #text, p{  
    color:#7A5B7A  
}
```

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 #7A5B7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A5B7A
}
```

Border

The CSS property to change the border of an element to Hex 7A5B7A is called "border". The border property can be set on classes, ids or directly on the HTML element.

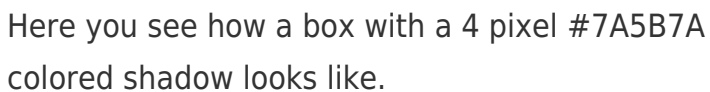
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A5B7A }
```

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

```
.border{ border-color:#7A5B7A }
```

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



Here you see how a box with a 4 pixel #7A5B7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A5B7A; -webkit-box-shadow:4px 4px  
4px 4px #7A5B7A; box-shadow:4px 4px 4px  
4px #7A5B7A }
```

Background

The CSS property to change the background color of an element to Hex 7A5B7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A5B7A }
```

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

```
.background{ background-color:#7A5B7A }
```

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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