

Converting Colors

Hex(7B538B)

Have a look what the booklet for
Hex(7B538B) contains.

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Color

Hex(7B538B)

Conversions

Conversions Part 1

Format	Color
Hex	7B538B
RGB	123, 83, 139
RGB Percent	48%, 33%, 55%
CMY	0.5176, 0.6745, 0.4549
CMYK	0.12, 0.40, 0.00, 0.45
HSL	283°, 25%, 44%
HSV	283°, 40%, 55%
XYZ	15.9218, 12.2615, 25.9536
YIQ	101.3440, 5.8640, 25.8960

Conversions

Conversions Part 2

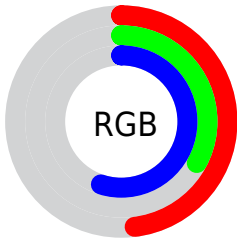
Format	Color
R_{YB}	123, 83, 139
Decimal	8082315
CIE _{Lab}	41.63, 27.23, -24.65
CIE _{LCh}	42, 36.725, 317.848
Yxy	12.2615, 0.2941, 0.2265
Android (android.graphics.Color)	4286272395 (0xFF7B538B)
YUV	101.3440, 18.5644, 18.9923
Hunter-Lab	35.0165, 19.8843, -19.4332

Details

The Hex color **7B538B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **638B53**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **B085C1**, and **492459** is the 20% darker color. If you saturate the color by 10%, you get **77458B**, and if you desaturate by 10%, it is **7F618B**.

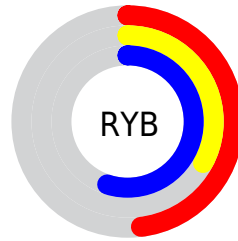
Distribution



Red (48%)

Green (33%)

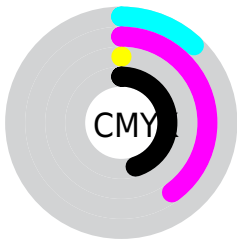
Blue (55%)



Red (48%)

Yellow (33%)

Blue (55%)

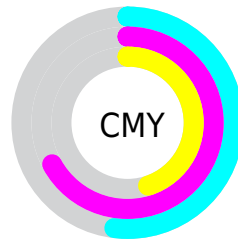


Cyan (12%)

Magenta (40%)

Yellow (0%)

Black (45%)



Cyan (52%)

Magenta (67%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B538B 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 7B538B by changing the saturation by 10% instead.

 7B538B

 7B538B

FFFFFF

 613B71

 B085C1

 492459

 CCA0DD

 310E41

 E9BBF9

 1E002B

 FFD7FF

 000115

 FFF3FF

 000000

 7B538B

 7B538B

 77458B

 7F618B

 73378B

 836F8B

6F298B

877D8B

6B1B8B

8B8B8B

670E8B

8F998B

63008B

93A68B

97B48B

9BC28B

9FD08B

Harmonies

Analogous

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



4F5F9C



7B538B



944A70

Triad

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



7B538B



7E5C25



007174

Complementary

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



7B538B



638B53

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.



007154



7B538B



626626

Square

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



7B538B



925137



3F6D38



006F8E

Rectangle

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



7B538B



9A485B



3F6D38



007169

Sweetspot

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



7B538B



AF9FB5



53648B



584F5C



DBDBDB



5C5C5C

Same Dimension

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



7B538B



9C5EB5



8B5380



433E45



5F0085



040005

Inverse Universe

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



8B5363



B55E77



538B5E



453E40



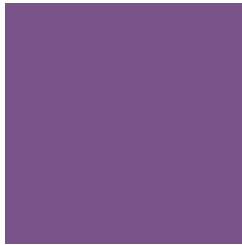
850026



050001

Previews

White Background



This preview shows how the Hex color 7B538B looks on a white background.

Color Contrast Check

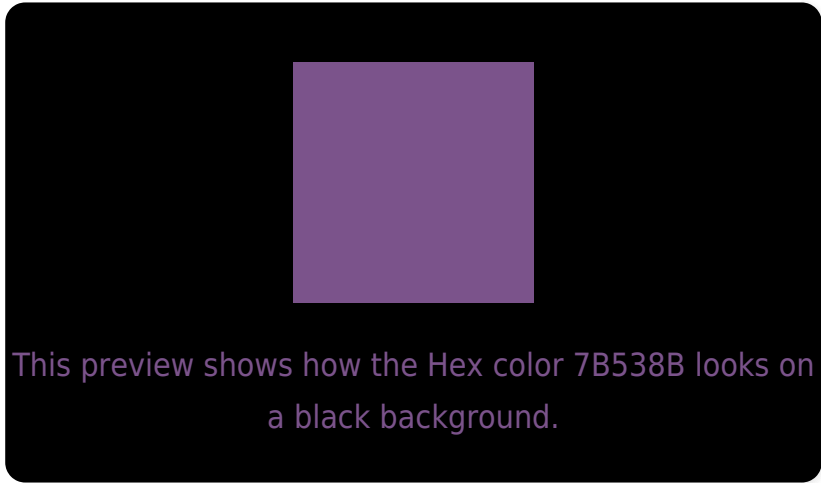
Large Text (above 18pt) WCAG AA ✓ Pass

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

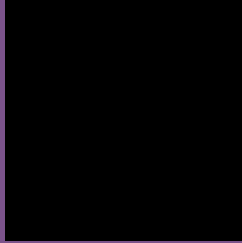
Any Text WCAG AA × Fail

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 7B538B Background



This preview shows how black text looks on a background with the Hex color 7B538B.



This preview shows how white text looks on a background with the Hex color 7B538B.

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
755C63

Trichromacy



Original Color
7B538B

Protanomaly
605C92

Deuteranomaly
635C89

Tritanomaly
775972

Monochromacy



Original Color
7B538B

Achromatopsia
656565

Achromatomaly
6D5E73

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B538B 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 #7B538B looks like.

```
.text, #text, p{  
    color:#7B538B  
}
```

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 #7B538B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B538B
}
```

Border

The CSS property to change the border of an element to Hex 7B538B is called "border". The border property can be set on classes, ids or directly on the HTML element.

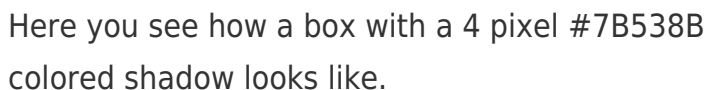
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B538B }
```

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

```
.border{ border-color:#7B538B }
```

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



Here you see how a box with a 4 pixel #7B538B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B538B; -webkit-box-shadow:4px 4px  
4px 4px #7B538B; box-shadow:4px 4px 4px  
4px #7B538B }
```

Background

The CSS property to change the background color of an element to Hex 7B538B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B538B }
```

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

```
.background{ background-color:#7B538B }
```

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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