

Converting Colors

Hex(7C638A)

Have a look what the booklet for
Hex(7C638A) contains.

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Color

Hex(7C638A)

Conversions

Conversions Part 1

Format	Color
Hex	7C638A
RGB	124, 99, 138
RGB Percent	49%, 39%, 54%
CMY	0.5137, 0.6118, 0.4588
CMYK	0.10, 0.28, 0.00, 0.46
HSL	278°, 16%, 46%
HSV	278°, 28%, 54%
XYZ	17.3615, 15.0437, 26.0334
YIQ	110.9210, 2.3810, 17.4290

Conversions

Conversions Part 2

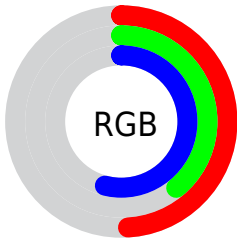
Format	Color
RYB	124, 99, 138
Decimal	8151946
CIELab	45.69, 17.77, -17.76
CIELCh	46, 25.128, 315.015
Yxy	15.0437, 0.2971, 0.2574
Android (android.graphics.Color)	4286342026 (0xFF7C638A)
YUV	110.9210, 13.3499, 11.4703
Hunter-Lab	38.7863, 12.0240, -12.6452

Details

The Hex color **7C638A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **718A63**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **B196C0**, and **4B3458** is the 20% darker color. If you saturate the color by 10%, you get **77558A**, and if you desaturate by 10%, it is **81718A**.

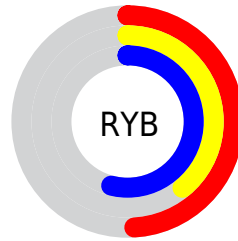
Distribution



Red (49%)

Green (39%)

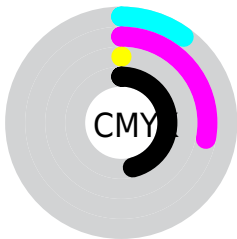
Blue (54%)



Red (49%)

Yellow (39%)

Blue (54%)

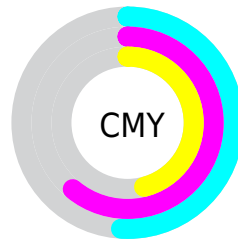


Cyan (10%)

Magenta (28%)

Yellow (0%)

Black (46%)



Cyan (51%)

Magenta (61%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C638A 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 7C638A by changing the saturation by 10% instead.

■ 7C638A

■ 7C638A

FFFFFF

■ 634B70

■ B196C0

■ 4B3458

■ CDB1DB

■ 331E40

■ E9CCF8

■ 1E092A

■ FFE8FF

■ 000115

■ 000000

■ 7C638A

■ 7C638A

■ 77558A

■ 81718A

■ 72478A

■ 867F8A

6D3A8A

8B8C8A

682C8A

909A8A

631E8A

95A88A

5E108A

9AB68A

59028A

9FC48A

58008A

A4D18A

A9DF8A

Harmonies

Analogous

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



5F6B95



7C638A



8F5D78

Triad

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



7C638A



846744



257876

Complementary

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



7C638A



718A63

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.



3E7761



7C638A



706E43

Square

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



7C638A



91604F



58744E



217689

Rectangle

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



7C638A



955C69



58744E



2D786F

Sweetspot

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



7C638A



ADA4B3



63718A



565059



D9D9D9



595959

Same Dimension

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



7C638A



9D76B3



8A6385



423E45



550085



030005

Inverse Universe

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



8A6371



B3768C



638A68



453E40



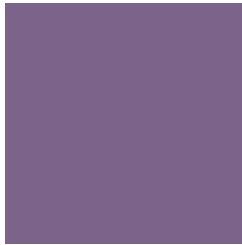
850030



050002

Previews

White Background



This preview shows how the Hex color 7C638A looks on a white background.

Color Contrast Check

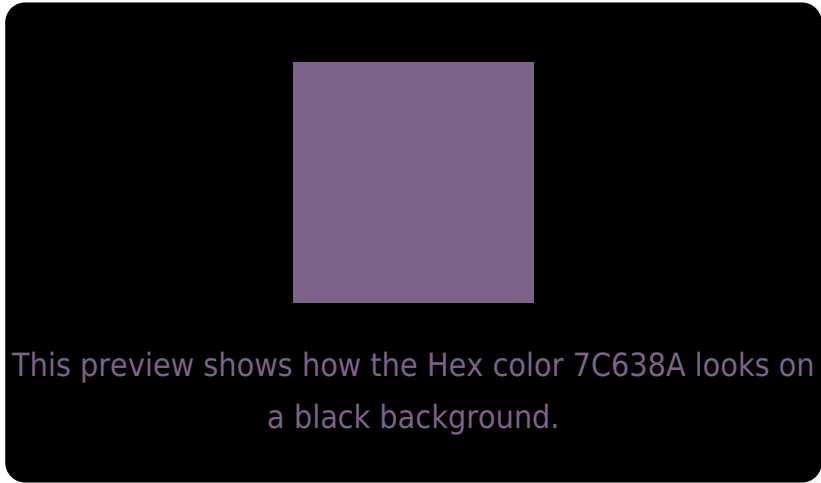
Large Text (above 18pt) WCAG AA ✓ Pass

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

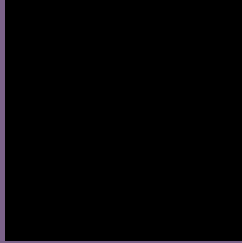
Any Text WCAG AA × Fail

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 7C638A Background



This preview shows how black text looks on a background with the Hex color 7C638A.



This preview shows how white text looks on a background with the Hex color 7C638A.

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
7C638A

Protanopia
626B90

Deuteranopia
686A89



Tritanopia
786870

Trichromacy



Original Color
7C638A

Protanomaly
6B688E

Deuteranomaly
6F6789

Tritanomaly
796679

Monochromacy



Original Color
7C638A

Achromatopsia
6F6F6F

Achromatomaly
746B79

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C638A 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 #7C638A looks like.

```
.text, #text, p{  
    color:#7C638A  
}
```

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 #7C638A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C638A
}
```

Border

The CSS property to change the border of an element to Hex 7C638A 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
#7C638A }
```

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

```
.border{ border-color:#7C638A }
```

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

Here you see how a box with a 4 pixel #7C638A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C638A; -webkit-box-shadow:4px 4px  
4px 4px #7C638A; box-shadow:4px 4px 4px  
4px #7C638A }
```

Background

The CSS property to change the background color of an element to Hex 7C638A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C638A }
```

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

```
.background{ background-color:#7C638A }
```

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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