

Converting Colors

Hex(78638A)

Have a look what the booklet for
Hex(78638A) contains.

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Color

Hex(78638A)

Conversions

Conversions Part 1

Format	Color
Hex	78638A
RGB	120, 99, 138
RGB Percent	47%, 39%, 54%
CMY	0.5294, 0.6118, 0.4588
CMYK	0.13, 0.28, 0.00, 0.46
HSL	272°, 16%, 46%
HSV	272°, 28%, 54%
XYZ	16.7950, 14.7517, 26.0069
YIQ	109.7250, -0.0030, 16.5810

Conversions

Conversions Part 2

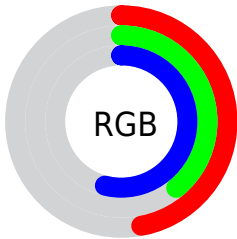
Format	Color
R_{YB}	120, 99, 138
Decimal	7889802
CIE _{Lab}	45.29, 16.39, -18.41
CIE _{LCh}	45, 24.649, 311.663
Yxy	14.7517, 0.2918, 0.2563
Android (android.graphics.Color)	4286079882 (0xFF78638A)
YUV	109.7250, 13.9396, 9.0112
Hunter-Lab	38.4080, 10.8404, -13.2610

Details

The Hex color **78638A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **758A63**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **AD96C0**, and **473458** is the 20% darker color. If you saturate the color by 10%, you get **72558A**, and if you desaturate by 10%, it is **7E718A**.

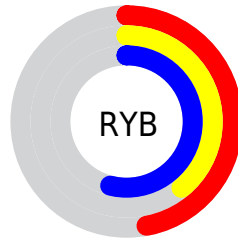
Distribution



Red (47%)

Green (39%)

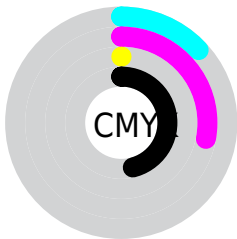
Blue (54%)



Red (47%)

Yellow (39%)

Blue (54%)

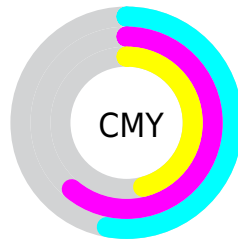


Cyan (13%)

Magenta (28%)

Yellow (0%)

Black (46%)



Cyan (53%)

Magenta (61%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78638A 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 78638A by changing the saturation by 10% instead.



78638A



78638A

FFFFFF



5F4B70



AD96C0



473458



C8B1DB



301F40



E4CCF8



1B092A



FFE8FF



000115



000000



78638A



78638A



72558A



7E718A



6B478A



857F8A

653A8A

8B8C8A

5F2C8A

919A8A

581E8A

98A88A

52108A

9EB68A

4B028A

A5C48A

4A008A

ABD18A

B1DF8A

Harmonies

Analogous

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



5B6A93



78638A



8C5D79

Triad

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



78638A



846644



297673

Complementary

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



78638A



758A63

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.



41755E



78638A



716D42

Square

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



78638A



915F51



5A724C



227586

Rectangle

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



78638A



925B6B



5A724C



31766C

Sweetspot

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



78638A



ACA4B3



63758A



555059



D9D9D9



595959

Same Dimension

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



78638A



9676B3



8A6389



423E45



470085



030005

Inverse Universe

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



8A6375



B37692



638A64



453E41



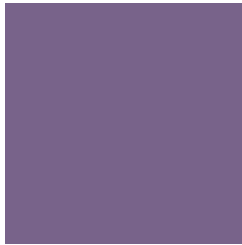
85003D



050002

Previews

White Background



This preview shows how the Hex color 78638A looks on a white background.

Color Contrast Check

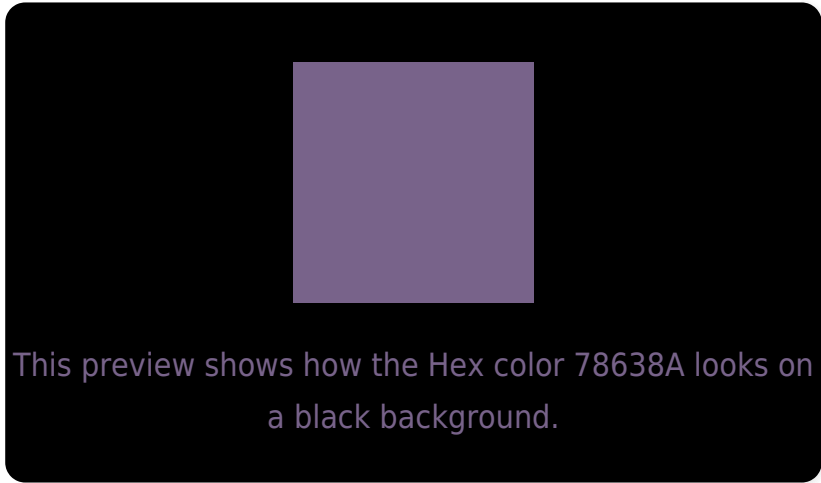
Large Text (above 18pt) WCAG AA ✓ Pass

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

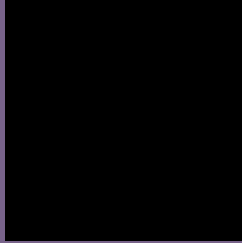
Any Text WCAG AA × Fail

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 78638A Background



This preview shows how black text looks on a background with the Hex color 78638A.



This preview shows how white text looks on a background with the Hex color 78638A.

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
78638A

Protanopia
616A8F

Deuteranopia
666989



Tritanopia
746870

Trichromacy



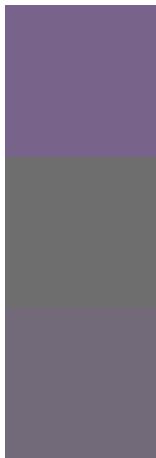
Original Color
78638A

Protanomaly
69678D

Deuteranomaly
6D6789

Tritanomaly
756679

Monochromacy



Original Color
78638A

Achromatopsia
6E6E6E

Achromatomaly
726A78

CSS Examples

Text

The CSS property to change the color of the text to Hex 78638A 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 #78638A looks like.

```
.text, #text, p{  
    color:#78638A  
}
```

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 #78638A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78638A
}
```

Border

The CSS property to change the border of an element to Hex 78638A is called "border". The border property can be set on classes, ids or directly on the HTML element.

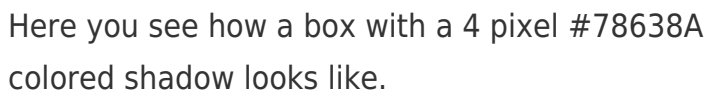
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78638A }
```

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

```
.border{ border-color:#78638A }
```

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



Here you see how a box with a 4 pixel #78638A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78638A; -webkit-box-shadow:4px 4px  
4px 4px #78638A; box-shadow:4px 4px 4px  
4px #78638A }
```

Background

The CSS property to change the background color of an element to Hex 78638A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78638A }
```

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

```
.background{ background-color:#78638A }
```

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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