

Converting Colors

Hex(7A8789)

Have a look what the booklet for
Hex(7A8789) contains.

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Color

Hex(7A8789)

Conversions

Conversions Part 1

Format	Color
Hex	7A8789
RGB	122, 135, 137
RGB Percent	48%, 53%, 54%
CMY	0.5216, 0.4706, 0.4627
CMYK	0.11, 0.01, 0.00, 0.46
HSL	188°, 6%, 51%
HSV	188°, 11%, 54%
XYZ	21.2054, 23.2717, 27.0411
YIQ	131.3410, -8.3900, -2.1340

Conversions

Conversions Part 2

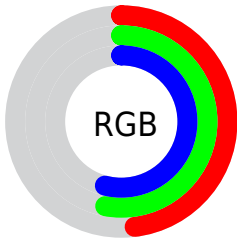
Format	Color
R_{YB}	122, 129, 137
Decimal	8030089
CIE _{Lab}	55.35, -4.29, -2.70
CIE _{LCh}	55, 5.070, 212.115
Yxy	23.2717, 0.2965, 0.3254
Android (android.graphics.Color)	4286220169 (0xFF7A8789)
YUV	131.3410, 2.7899, -8.1921
Hunter-Lab	48.2407, -5.9573, 0.5337

Details

The Hex color **7A8789** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **897C7A**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **AEBCBE**, and **495557** is the 20% darker color. If you saturate the color by 10%, you get **6C8589**, and if you desaturate by 10%, it is **888989**.

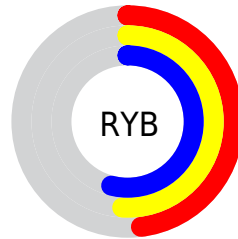
Distribution



Red (48%)

Green (53%)

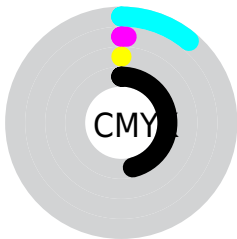
Blue (54%)



Red (48%)

Yellow (51%)

Blue (54%)

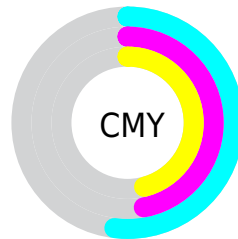


Cyan (11%)

Magenta (1%)

Yellow (0%)

Black (46%)



Cyan (52%)

Magenta (47%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A8789 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 7A8789 by changing the saturation by 10% instead.



7A8789



7A8789

FFFFFF



616E70



AEBCBE



495557



CAD8DA



333E40



E6F4F7



1D282A



051416



000000



7A8789



7A8789



6C8589



888989



5F8389



958B89

■ 518289

■ A38C89

■ 438089

■ B18E89

■ 367E89

■ BF9089

■ 287C89

■ CC9289

■ 1A7A89

■ DA9489

■ 0C7889

■ E89689

■ 007789

■ F59789

Harmonies

Analogous

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



7B8785



7A8789



7C868C

Triad

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



7A8789



8B8289



88847C

Complementary

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



7A8789



897C7A

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.



8C837D



7A8789



8E8284

Square

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



7A8789



86838C



8E8280



83867D

Rectangle

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



7A8789



7F858D



8E8280



8A847C

Sweetspot

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



7A8789



ADB2B3



7A897C



565959



D9D9D9



595959

Same Dimension

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



7A8789



9BAFB3



7A8089



3E4445



007385



000405

Inverse Universe

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



897A87



B39BAF



89847A



453E44



850073



050004

Previews

White Background



This preview shows how the Hex color 7A8789 looks on a white background.

Color Contrast Check

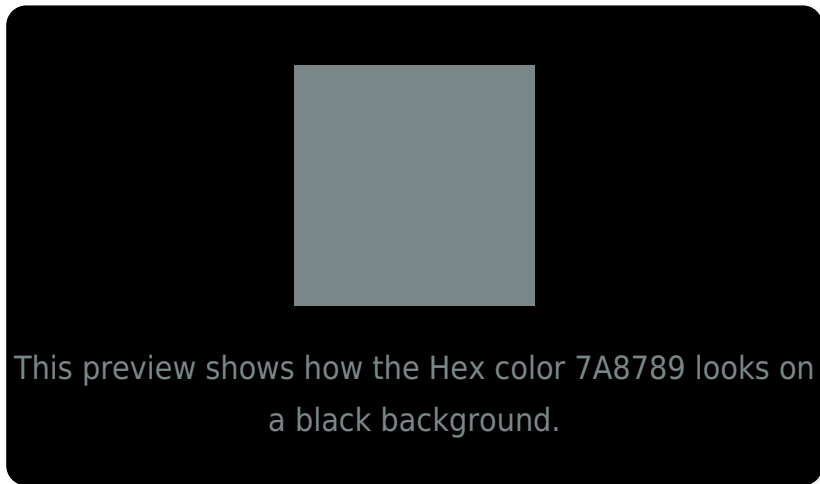
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

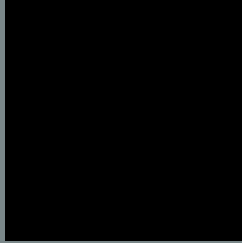
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

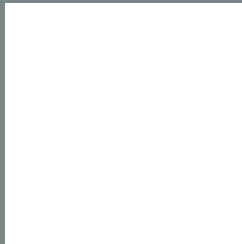
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7A8789 Background



This preview shows how black text looks on a background with the Hex color 7A8789.



This preview shows how white text looks on a background with the Hex color 7A8789.

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
7A8789

Protanopia
868487

Deuteranopia
8E808A



Tritanopia
7B8690

Trichromacy



Original Color

7A8789

Protanomaly

828588

Deuteranomaly

87838A

Tritanomaly

7B868D

Monochromacy



Original Color

7A8789

Achromatopsia

838383

Achromatomaly

808485

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A8789 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 #7A8789 looks like.

```
.text, #text, p{  
    color:#7A8789  
}
```

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 #7A8789 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A8789
}
```

Border

The CSS property to change the border of an element to Hex 7A8789 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
#7A8789 }
```

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

```
.border{ border-color:#7A8789 }
```

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

Here you see how a box with a 4 pixel #7A8789 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A8789; -webkit-box-shadow:4px 4px  
4px 4px #7A8789; box-shadow:4px 4px 4px  
4px #7A8789 }
```

Background

The CSS property to change the background color of an element to Hex 7A8789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A8789 }
```

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

```
.background{ background-color:#7A8789 }
```

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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