

Converting Colors

Hex(7F7A89)

Have a look what the booklet for
Hex(7F7A89) contains.

Hex(7F7A89)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7F7A89)

Conversions

Conversions Part 1

Format	Color
Hex	7F7A89
RGB	127, 122, 137
RGB Percent	50%, 48%, 54%
CMY	0.5020, 0.5216, 0.4627
CMYK	0.07, 0.11, 0.00, 0.46
HSL	260°, 6%, 51%
HSV	260°, 11%, 54%
XYZ	20.2273, 20.2372, 26.5070
YIQ	125.2050, -1.8350, 5.7250

Conversions

Conversions Part 2

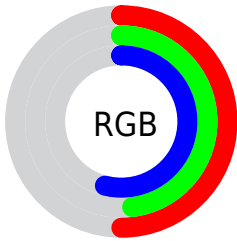
Format	Color
R_{YB}	127, 122, 137
Decimal	8354441
CIE _{Lab}	52.10, 4.96, -7.46
CIE _{LCh}	52, 8.960, 303.642
Yxy	20.2372, 0.3020, 0.3022
Android (android.graphics.Color)	4286544521 (0xFF7F7A89)
YUV	125.2050, 5.8149, 1.5742
Hunter-Lab	44.9858, 1.5350, -3.4454

Details

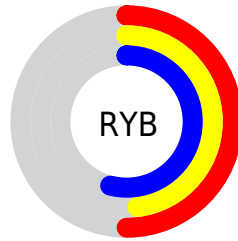
The Hex color **7F7A89** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **84897A**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B4AEBE**, and **4E4957** is the 20% darker color. If you saturate the color by 10%, you get **766C89**, and if you desaturate by 10%, it is **888889**.

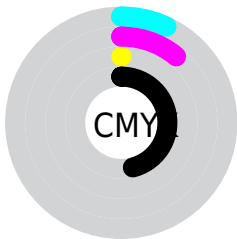
Distribution



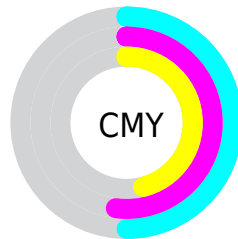
- Red (50%)
- Green (48%)
- Blue (54%)



- Red (50%)
- Yellow (48%)
- Blue (54%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)
- Black (46%)



- Cyan (50%)
- Magenta (52%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F7A89 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 7F7A89 by changing the saturation by 10% instead.

■ 7F7A89

■ 7F7A89

FFFFFF

■ 666170

■ B4AEBE

■ 4E4957

■ CFCADA

■ 373340

■ ECE6F7

■ 221E2A

■ 0C0516

■ 000000

■ 7F7A89

■ 7F7A89

■ 766C89

■ 888889

■ 6D5F89

■ 919589

645189

9AA389

5A4389

A4B189

513689

ADBF89

482889

B6CC89

3F1A89

BFDA89

360C89

C8E889

2E0089

D1F589

Harmonies

Analogous

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



757D8B



7F7A89



877883

Triad

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



7F7A89



897A6F



6A817D

Complementary

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



7F7A89



84897A

Split Complementary

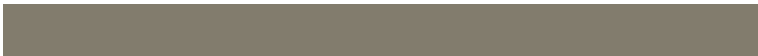
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



708075



7F7A89



827C6D

Square

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



7F7A89



8D7874



797E6F



698084

Rectangle

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



7F7A89



8B777E



797E6F



6C817A

Sweetspot

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



7F7A89



AFADB3



7A8489



575659



D9D9D9



595959

Same Dimension

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



7F7A89



A39BB3



877A89



403E45



2C0085



020005

Inverse Universe

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



897A84



B39BAB



7D897A



453E43



850058



050003

Previews

White Background



This preview shows how the Hex color 7F7A89 looks on a white background.

Color Contrast Check

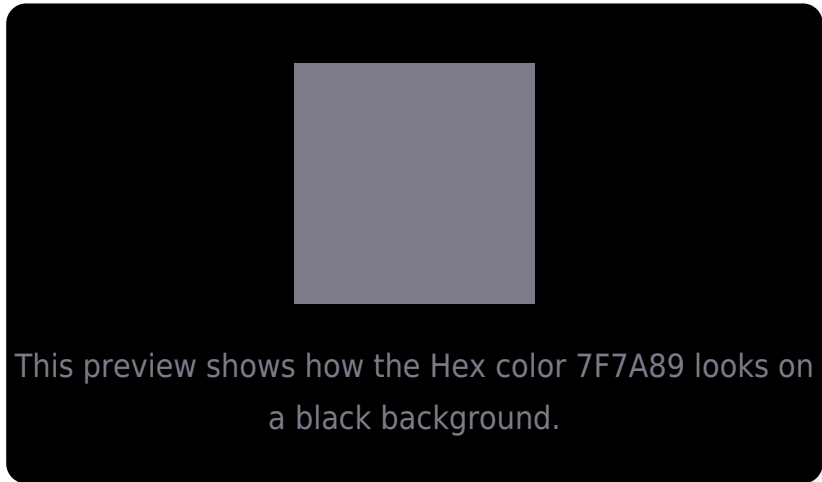
Large Text (above 18pt) WCAG AA ✓ Pass

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

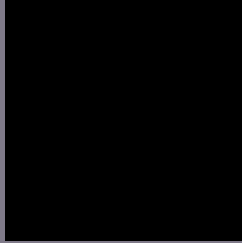
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

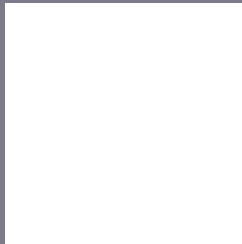
Any Text WCAG AAA × Fail

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

Hex 7F7A89 Background



This preview shows how black text looks on a background with the Hex color 7F7A89.



This preview shows how white text looks on a background with the Hex color 7F7A89.

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

7F7A89

Protanopia

7A7B8A

Deuteranopia

827989



Tritanopia
7E7B84

Trichromacy



Original Color

7F7A89

Protanomaly

7C7B8A

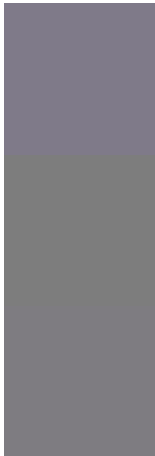
Deuteranomaly

817989

Tritanomaly

7E7B86

Monochromacy



Original Color

7F7A89

Achromatopsia

7D7D7D

Achromatomaly

7E7C81

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F7A89 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 #7F7A89 looks like.

```
.text, #text, p{  
    color:#7F7A89  
}
```

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 #7F7A89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F7A89
}
```

Border

The CSS property to change the border of an element to Hex 7F7A89 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
#7F7A89 }
```

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

```
.border{ border-color:#7F7A89 }
```

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

Here you see how a box with a 4 pixel #7F7A89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F7A89; -webkit-box-shadow:4px 4px  
4px 4px #7F7A89; box-shadow:4px 4px 4px  
4px #7F7A89 }
```

Background

The CSS property to change the background color of an element to Hex 7F7A89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F7A89 }
```

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

```
.background{ background-color:#7F7A89 }
```

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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