

Converting Colors

Hex(7D7D8B)

Have a look what the booklet for
Hex(7D7D8B) contains.

Hex(7D7D8B)	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(7D7D8B)

Conversions

Conversions Part 1

Format	Color
Hex	7D7D8B
RGB	125, 125, 139
RGB Percent	49%, 49%, 55%
CMY	0.5098, 0.5098, 0.4549
CMYK	0.10, 0.10, 0.00, 0.45
HSL	240°, 6%, 52%
HSV	240°, 10%, 55%
XYZ	20.4513, 20.8913, 27.3806
YIQ	126.5960, -4.4940, 4.3540

Conversions

Conversions Part 2

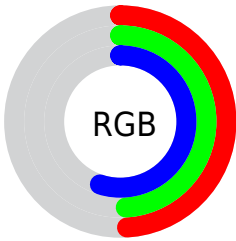
Format	Color
R _Y B	125, 125, 139
Decimal	8224139
CIE Lab	52.83, 2.93, -7.57
CIE LCh	53, 8.114, 291.190
Yxy	20.8913, 0.2976, 0.3040
Android (android.graphics.Color)	4286414219 (0xFF7D7D8B)
YUV	126.5960, 6.1152, -1.3997
Hunter-Lab	45.7070, -0.1187, -3.5226

Details

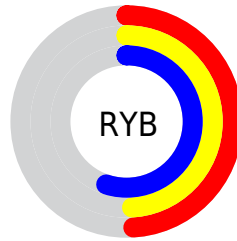
The Hex color **7D7D8B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8B8B7D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B2B2C0**, and **4C4C59** is the 20% darker color. If you saturate the color by 10%, you get **6F6F8B**, and if you desaturate by 10%, it is **8B8B8B**.

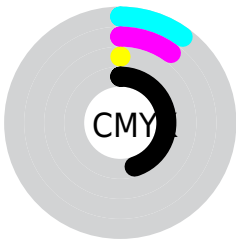
Distribution



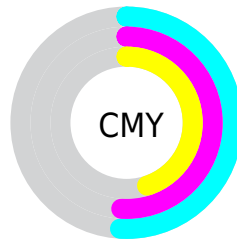
- Red (49%)
- Green (49%)
- Blue (55%)



- Red (49%)
- Yellow (49%)
- Blue (55%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (45%)



- Cyan (51%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D7D8B 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 7D7D8B by changing the saturation by 10% instead.

■ 7D7D8B

■ 7D7D8B

FFFFFF

■ 646472

■ B2B2C0

■ 4C4C59

■ CDCDDC

■ 353642

■ E9E9F9

■ 20202C

■ 090917

■ 000000

■ 7D7D8B

■ 7D7D8B

■ 6F6F8B

■ 8B8B8B

■ 61618B

■ 99998B

53538B

A7A78B

45458B

B5B58B

38388B

C3C38B

2A2A8B

D0D08B

1C1C8B

DEDE8B

0E0E8B

ECEC8B

00008B

FAFA8B

Harmonies

Analogous

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



757F8C



7D7D8B



857B87

Triad

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



7D7D8B



8B7B73



70827C

Complementary

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



7D7D8B



8B8B7D

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.



768175



7D7D8B



867D70

Square

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



7D7D8B



8D7A79



7E7F71



6D8283

Rectangle

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



7D7D8B



8A7A83



7E7F71



728279

Sweetspot

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



7D7D8B



B0B0B5



7D8B8B



58585C



DBDBDB



5C5C5C

Same Dimension

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



7D7D8B



9F9FB5



847D8B



3E3E45



000085



000005

Inverse Universe

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



8B7D8B



B59FB5



848B7D



453E45



850085



050005

Previews

White Background



This preview shows how the Hex color 7D7D8B looks on a white background.

Color Contrast Check

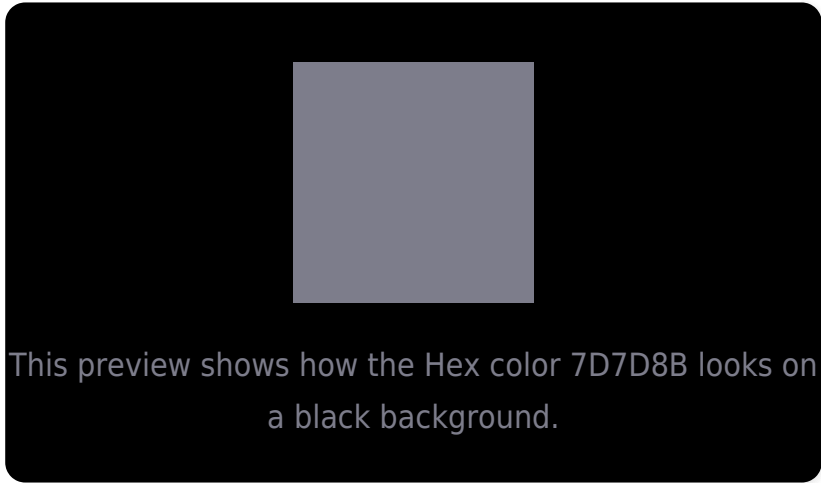
Large Text (above 18pt) WCAG AA ✓ Pass

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

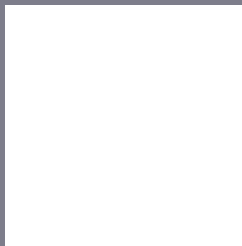
Any Text WCAG AAA × Fail

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

Hex 7D7D8B Background



This preview shows how black text looks on a background with the Hex color 7D7D8B.



This preview shows how white text looks on a background with the Hex color 7D7D8B.

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

7D7D8B

Protanopia

7C7D8B

Deuteranopia

847B8B



Tritanopia
7C7E88

Trichromacy



Original Color
7D7D8B

Protanomaly
7C7D8B

Deuteranomaly
817C8B

Tritanomaly
7C7E89

Monochromacy



Original Color
7D7D8B

Achromatopsia
7F7F7F

Achromatomaly
7E7E83

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D7D8B 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 #7D7D8B looks like.

```
.text, #text, p{  
    color:#7D7D8B  
}
```

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 #7D7D8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D7D8B
}
```

Border

The CSS property to change the border of an element to Hex 7D7D8B 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
#7D7D8B }
```

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

```
.border{ border-color:#7D7D8B }
```

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

Here you see how a box with a 4 pixel #7D7D8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D7D8B; -webkit-box-shadow:4px 4px  
4px 4px #7D7D8B; box-shadow:4px 4px 4px  
4px #7D7D8B }
```

Background

The CSS property to change the background color of an element to Hex 7D7D8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D7D8B }
```

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

```
.background{ background-color:#7D7D8B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor