

# Converting Colors

Hex(8D7F7F)

Have a look what the booklet for  
Hex(8D7F7F) contains.

<b>Hex(8D7F7F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(8D7F7F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D7F7F
RGB	141, 127, 127
RGB Percent	55%, 50%, 50%
CMY	0.4471, 0.5020, 0.5020
CMYK	0.00, 0.10, 0.10, 0.45
HSL	0°, 6%, 53%
HSV	0°, 10%, 55%
XYZ	22.4046, 22.3738, 23.2164
YIQ	131.1860, 8.3440, 2.9680

# Conversions

## Conversions Part 2

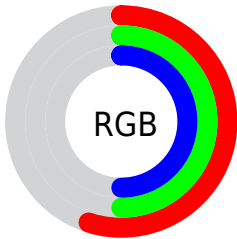
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 127, 127
Decimal	9273215
CIE <sub>Lab</sub>	54.42, 5.33, 1.93
CIE <sub>LCh</sub>	54, 5.665, 19.945
Yxy	22.3738, 0.3295, 0.3291
Android (android.graphics.Color)	4287463295 (0xFF8D7F7F)
YUV	131.1860, -2.0637, 8.6069
Hunter-Lab	47.3009, 1.7720, 4.0097

# Details

The Hex color **8D7F7F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7F8D8D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **C3B4B4**, and **5B4E4E** is the 20% darker color. If you saturate the color by 10%, you get **8D7171**, and if you desaturate by 10%, it is **8D8D8D**.

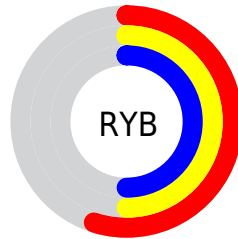
# Distribution



Red (55%)

Green (50%)

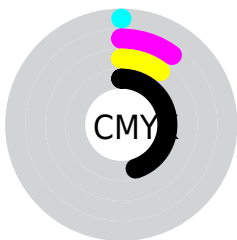
Blue (50%)



Red (55%)

Yellow (50%)

Blue (50%)

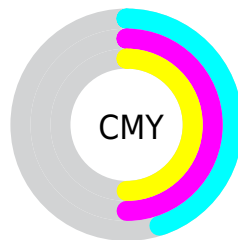


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (45%)



Cyan (45%)

Magenta (50%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D7F7F 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 8D7F7F by changing the saturation by 10% instead.



8D7F7F

8D7F7F

FFFFFF

736666

C3B4B4

5B4E4E

DFCFCF

433737

FBEBEB

2D2222

190C0C

000000

8D7F7F

8D7F7F

8D7171

8D8D8D

8D6363

8D9B9B

 8D5555

 8DA9A9

 8D4747

 8DB7B7

 8D3939

 8DC6C6

 8D2A2A

 8DD4D4

 8D1C1C

 8DE2E2

 8D0E0E

 8DF0F0

 8D0000

 8DFEFE

# Harmonies

## Analogous

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



8B7F84



8D7F7F



8C807B

# Triad

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



8D7F7F



7D847C



7B838C

# Complementary

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



8D7F7F



7F8D8D

# 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.



778489



8D7F7F



788580

# Square

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



8D7F7F



838379



768585



81818B

# Rectangle

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



8D7F7F



8A8179



768585



7A848B



# Sweetspot

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



8D7F7F



B8B2B2



8D7F8D



5C5858



DBDBDB



5C5C5C



# Same Dimension

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



8D7F7F



B8A2A2



8D867F



474040



870000



080000



# Inverse Universe

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



7F8D8D



A2B8B8



7F868D



404747



008787



000808



# Previews

## White Background



This preview shows how the Hex color 8D7F7F looks on a white background.

## Color Contrast Check

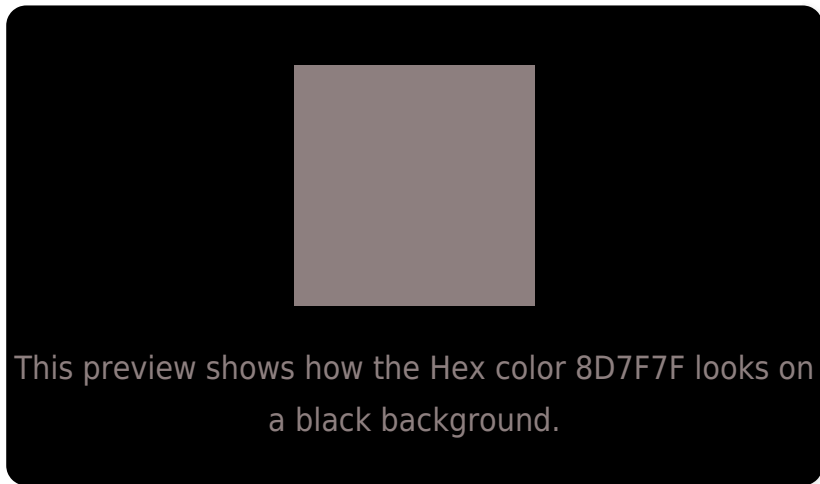
Large Text (above 18pt) WCAG AA ✓ Pass

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 8D7F7F Background



This preview shows how black text looks on a background with the Hex color 8D7F7F.



This preview shows how white text looks on a background with the Hex color 8D7F7F.

# 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**  
8D7F7F

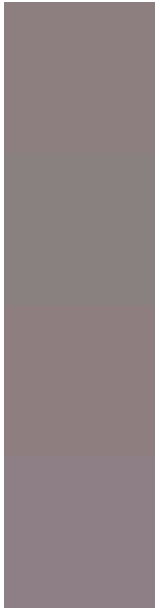
**Protanopia**  
858280

**Deuteranopia**  
907E7F



**Tritanopia**  
8E7E88

# Trichromacy



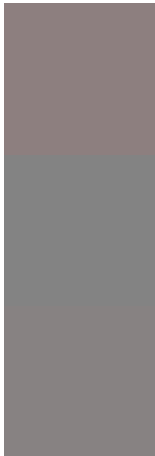
**Original Color**  
8D7F7F

**Protanomaly**  
888180

**Deuteranomaly**  
8F7E7F

**Tritanomaly**  
8E7E85

# Monochromacy



**Original Color**  
8D7F7F

**Achromatopsia**  
838383

**Achromatomaly**  
878282

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D7F7F 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 #8D7F7F looks like.

```
.text, #text, p{  
    color:#8D7F7F  
}
```

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 #8D7F7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D7F7F
}
```

## Border

The CSS property to change the border of an element to Hex 8D7F7F 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".

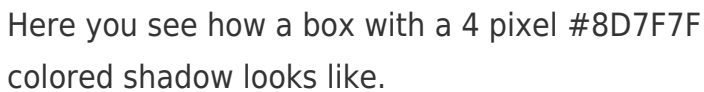
```
.border, #border, table{ border:4px solid
#8D7F7F }
```

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

```
.border{ border-color:#8D7F7F }
```

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

Here you see how a box with a 4 pixel #8D7F7F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D7F7F; -webkit-box-shadow:4px 4px  
4px 4px #8D7F7F; box-shadow:4px 4px 4px  
4px #8D7F7F }
```

# Background

The CSS property to change the background color of an element to Hex 8D7F7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D7F7F }
```

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

```
.background{ background-color:#8D7F7F }
```

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