

# Converting Colors

Hex(7D7C86)

Have a look what the booklet for  
Hex(7D7C86) contains.

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# Color

Hex(7D7C86)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D7C86
RGB	125, 124, 134
RGB Percent	49%, 49%, 53%
CMY	0.5098, 0.5137, 0.4745
CMYK	0.07, 0.07, 0.00, 0.47
HSL	246°, 4%, 51%
HSV	246°, 7%, 53%
XYZ	19.9682, 20.4965, 25.4580
YIQ	125.4390, -2.6140, 3.3220

# Conversions

## Conversions Part 2

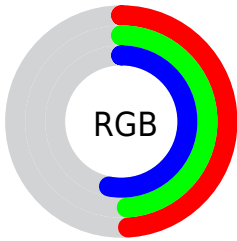
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 124, 134
Decimal	8223878
CIE Lab	52.39, 2.44, -5.29
CIE LCh	52, 5.825, 294.718
Yxy	20.4965, 0.3029, 0.3109
Android (android.graphics.Color)	4286413958 (0xFF7D7C86)
YUV	125.4390, 4.2206, -0.3850
Hunter-Lab	45.2731, -0.4985, -1.6489

# Details

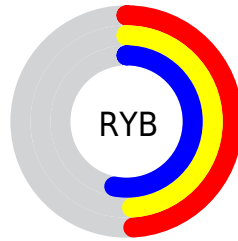
The Hex color **7D7C86** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **85867C**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B2B0BB**, and **4C4B54** is the 20% darker color. If you saturate the color by 10%, you get **716F86**, and if you desaturate by 10%, it is **898986**.

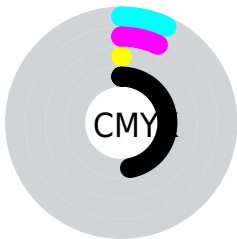
# Distribution



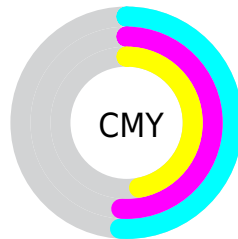
- Red (49%)
- Green (49%)
- Blue (53%)



- Red (49%)
- Yellow (49%)
- Blue (53%)



- Cyan (7%)
- Magenta (7%)
- Yellow (0%)
- Black (47%)



- Cyan (51%)
- Magenta (51%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D7C86 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 7D7C86 by changing the saturation by 10% instead.





7D7C86



7D7C86

FFFFFF



64636D



B2B0BB



4C4B54



CDCCD7



35353D



E9E8F3



202028



090713



000000



7D7C86



7D7C86



716F86



898986



656186



959786

■ 595486

■ A1A486

■ 4D4686

■ ADB286

■ 413986

■ B9BF86

■ 352C86

■ C5CC86

■ 291E86

■ D1DA86

■ 1D1186

■ DDE786

■ 100386

■ EAF586

# Harmonies

## Analogous

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



777E87



7D7C86



837B83

# Triad

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



7D7C86



867B75



73807C

# Complementary

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



7D7C86



85867C

# 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.



777F77



7D7C86



827C73

# Square

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



7D7C86



887A79



7D7E74



718081

# Rectangle

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



7D7C86



867A80



7D7E74



74807A



# Sweetspot

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



7D7C86



AAAAAD



7C8586



555557



D6D6D6



575757



# Same Dimension

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



7D7C86



9F9EAD



827C86



3C3C42



0D0082



000003



# Inverse Universe

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



867C85



AD9EAC



80867C



423C42



820075



030002



# Previews

## White Background



This preview shows how the Hex color 7D7C86 looks on a white background.

## Color Contrast Check

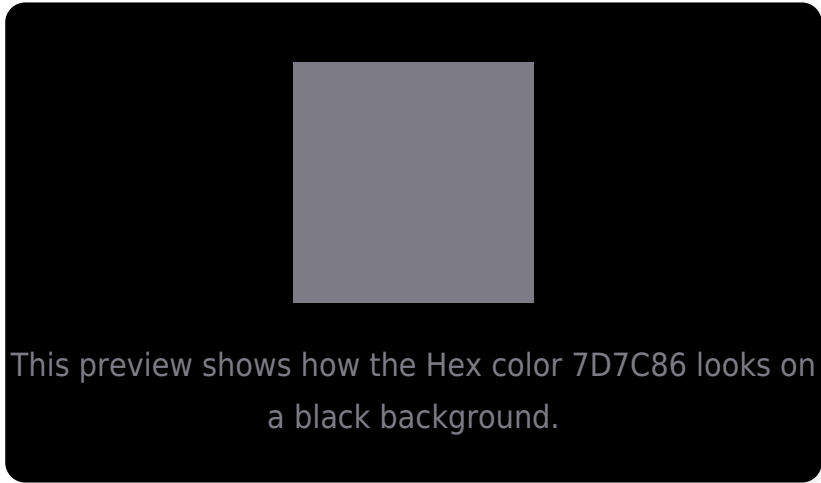
Large Text (above 18pt) WCAG AA ✓ Pass

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

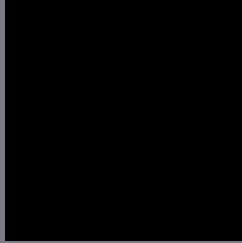
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

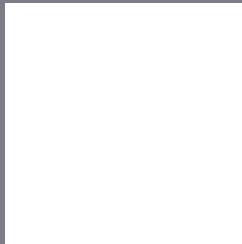
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7D7C86 Background



This preview shows how black text looks on a background with the Hex color 7D7C86.



This preview shows how white text looks on a background with the Hex color 7D7C86.

# 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**


7D7C86

**Protanopia**

7C7C86

**Deuteranopia**

857987



**Tritanopia**  
7D7C86

# Trichromacy



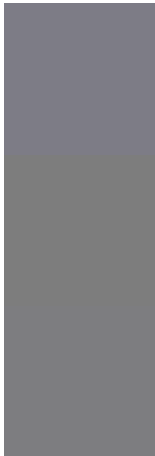
**Original Color**  
7D7C86

**Protanomaly**  
7C7C86

**Deuteranomaly**  
827A87

**Tritanomaly**  
7D7C86

# Monochromacy



**Original Color**  
7D7C86

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
7D7D80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D7C86 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 #7D7C86 looks like.

```
.text, #text, p{  
    color:#7D7C86  
}
```

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 #7D7C86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D7C86
}
```

## Border

The CSS property to change the border of an element to Hex 7D7C86 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
#7D7C86 }
```

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

```
.border{ border-color:#7D7C86 }
```

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

Here you see how a box with a 4 pixel #7D7C86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D7C86; -webkit-box-shadow:4px 4px  
4px 4px #7D7C86; box-shadow:4px 4px 4px  
4px #7D7C86 }
```

# Background

The CSS property to change the background color of an element to Hex 7D7C86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D7C86 }
```

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

```
.background{ background-color:#7D7C86 }
```

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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