

Converting Colors

Hex(7D7E81)

Have a look what the booklet for
Hex(7D7E81) contains.

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Color

Hex(7D7E81)

Conversions

Conversions Part 1

Format	Color
Hex	7D7E81
RGB	125, 126, 129
RGB Percent	49%, 49%, 51%
CMY	0.5098, 0.5059, 0.4941
CMYK	0.03, 0.02, 0.00, 0.49
HSL	225°, 2%, 50%
HSV	225°, 3%, 51%
XYZ	19.8807, 20.8667, 23.7487
YIQ	126.0430, -1.5590, 0.7210

Conversions

Conversions Part 2

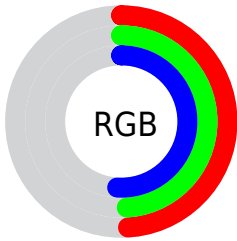
Format	Color
R_{YB}	125, 126, 129
Decimal	8224385
CIE _{Lab}	52.80, 0.24, -1.76
CIE _{LCh}	53, 1.779, 277.658
Yxy	20.8667, 0.3082, 0.3235
Android (android.graphics.Color)	4286414465 (0xFF7D7E81)
YUV	126.0430, 1.4578, -0.9147
Hunter-Lab	45.6800, -2.2538, 1.1516

Details

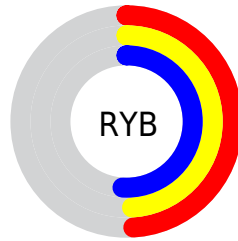
The Hex color **7D7E81** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **81807D**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B2B3B6**, and **4C4D50** is the 20% darker color. If you saturate the color by 10%, you get **707481**, and if you desaturate by 10%, it is **8A8881**.

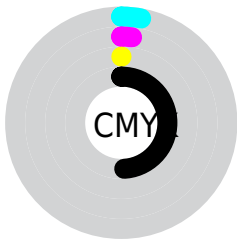
Distribution



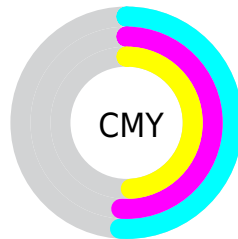
- Red (49%)
- Green (49%)
- Blue (51%)



- Red (49%)
- Yellow (49%)
- Blue (51%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (49%)



- Cyan (51%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D7E81 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 7D7E81 by changing the saturation by 10% instead.

■ 7D7E81

■ 7D7E81

FFFFFF

■ 646568

■ B2B3B6

■ 4C4D50

■ CDCED1

■ 363639

■ E9EAE

■ 202124

■ 090A0E

■ 000000

■ 7D7E81

■ 7D7E81

■ 707481

■ 8A8881

■ 636B81

■ 979181

■ 566181

■ A49B81

■ 495781

■ B1A581

■ 3D4E81

■ BDAE81

■ 304481

■ CAB881

■ 233A81

■ D7C281

■ 163181

■ E4CB81

■ 092781

■ F1D581

Harmonies

Analogous

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



7B7E81



7D7E81



7F7E80

Triad

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



7D7E81



817D7C



7C7F7D

Complementary

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



7D7E81



81807D

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.



7D7F7C



7D7E81



817E7B

Square

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



7D7E81



817D7E



7F7E7B



7B7F7E

Rectangle

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



7D7E81



807D80



7F7E7B



7C7F7C

Sweetspot

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



7D7E81



A7A7A8



7D8180



535454



D4D4D4



545454

Same Dimension

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



7D7E81



A2A3A8



7E7D81



3D3D40



002080



000000

Inverse Universe

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



817D7E



A8A2A3



80817D



403D3D



800020



000000

Previews

White Background



This preview shows how the Hex color 7D7E81 looks on a white background.

Color Contrast Check

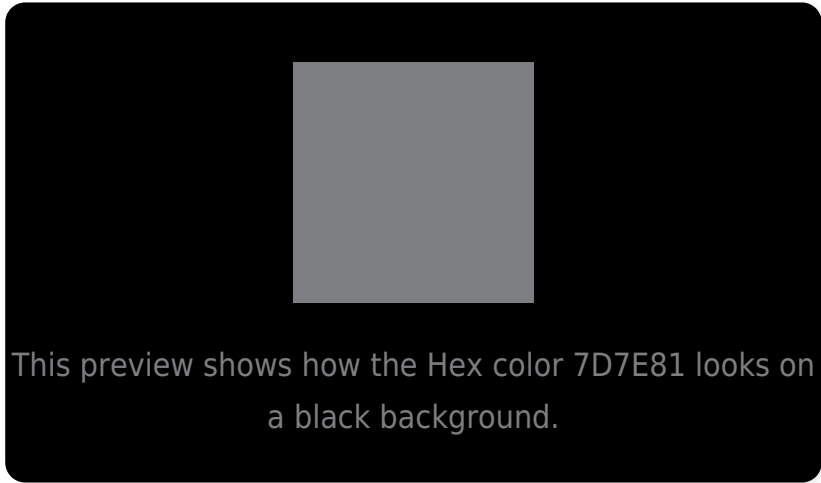
Large Text (above 18pt) WCAG AA ✓ Pass

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

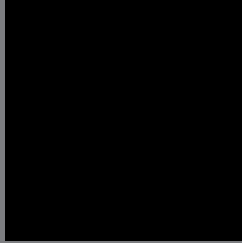
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

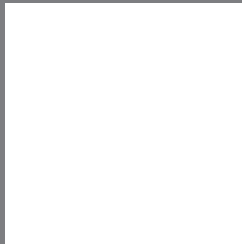
Any Text WCAG AAA × Fail

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

Hex 7D7E81 Background



This preview shows how black text looks on a background with the Hex color 7D7E81.



This preview shows how white text looks on a background with the Hex color 7D7E81.

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
7D7E81

Protanopia
7F7D81

Deuteranopia
887A82



Tritanopia
7E7D87

Trichromacy



Original Color

7D7E81

Protanomaly

7E7D81

Deuteranomaly

847B82

Tritanomaly

7E7D85

Monochromacy



Original Color

7D7E81

Achromatopsia

7E7E7E

Achromatomaly

7E7E7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D7E81 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 #7D7E81 looks like.

```
.text, #text, p{  
    color:#7D7E81  
}
```

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 #7D7E81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D7E81
}
```

Border

The CSS property to change the border of an element to Hex 7D7E81 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
#7D7E81 }
```

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

```
.border{ border-color:#7D7E81 }
```

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

Here you see how a box with a 4 pixel #7D7E81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D7E81; -webkit-box-shadow:4px 4px  
4px 4px #7D7E81; box-shadow:4px 4px 4px  
4px #7D7E81 }
```

Background

The CSS property to change the background color of an element to Hex 7D7E81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D7E81 }
```

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

```
.background{ background-color:#7D7E81 }
```

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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