

Converting Colors

Hex(7D8078)

Have a look what the booklet for
Hex(7D8078) contains.

Hex(7D8078)	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(7D8078)

Conversions

Conversions Part 1

Format	Color
Hex	7D8078
RGB	125, 128, 120
RGB Percent	49%, 50%, 47%
CMY	0.5098, 0.4980, 0.5294
CMYK	0.02, 0.00, 0.06, 0.50
HSL	83°, 3%, 49%
HSV	83°, 6%, 50%
XYZ	19.5668, 21.1544, 20.8212
YIQ	126.1910, 0.7800, -3.1240

Conversions

Conversions Part 2

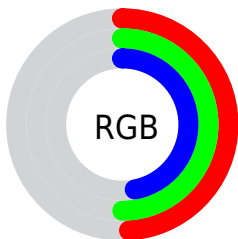
Format	Color
R_{YB}	120, 128, 123
Decimal	8224888
CIE _{Lab}	53.12, -2.69, 3.94
CIE _{LCh}	53, 4.775, 124.298
Yxy	21.1544, 0.3179, 0.3437
Android (android.graphics.Color)	4286414968 (0xFF7D8078)
YUV	126.1910, -3.0522, -1.0445
Hunter-Lab	45.9939, -4.5516, 5.3554

Details

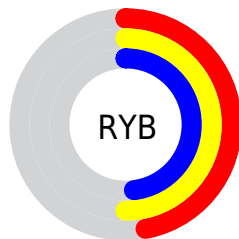
The Hex color **7D8078** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B7880**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B2B5AC**, and **4C4F48** is the 20% darker color. If you saturate the color by 10%, you get **78806B**, and if you desaturate by 10%, it is **828085**.

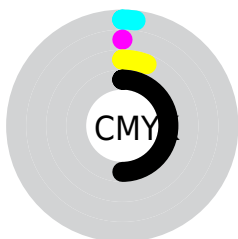
Distribution



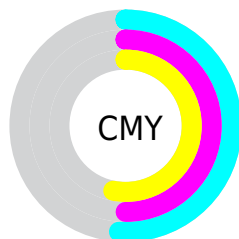
- Red (49%)
- Green (50%)
- Blue (47%)



- Red (47%)
- Yellow (50%)
- Blue (48%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (50%)



- Cyan (51%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D8078 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 7D8078 by changing the saturation by 10% instead.

■ 7D8078

■ 7D8078

FFFFFF

■ 64675F

■ B2B5AC

■ 4C4F48

■ CDD0C8

■ 353831

■ E9EDE4

■ 20231C

■ 090D02

■ 000000

■ 7D8078

■ 7D8078

■ 78806B

■ 828085

■ 73805E

■ 878092

 6F8052

 8B809E

 6A8045

 9080AB

 658038

 9580B8

 60802B

 9A80C5

 5B801E

 9F80D2

 578012

 A380DE

 528005

 A880EB

Harmonies

Analogous

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



827F77



7D8078



79817B

Triad

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



7D8078



778086



887C7E

Complementary

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



7D8078



7B7880

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.



857D82



7D8078



7B7F87

Square

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



7D8078



758183



807E86



887C7A

Rectangle

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



7D8078



76817E



807E86



877C80

Sweetspot

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



7D8078



A5A6A2



807B78



545452



D4D4D4



545454

Same Dimension

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



7D8078



A1A698



798078



3D4039



508000



000000

Inverse Universe

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



7B7880



9D98A6



7F7880



3C3940



300080



000000

Previews

White Background



This preview shows how the Hex color 7D8078 looks on a white background.

Color Contrast Check

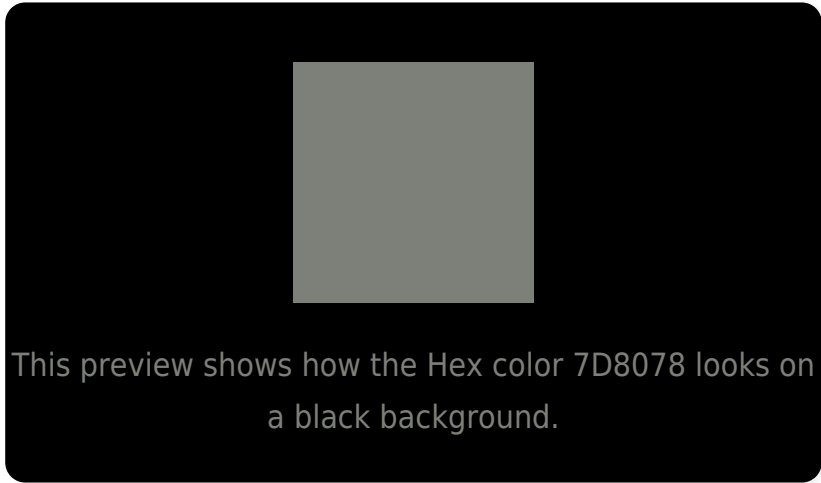
Large Text (above 18pt) WCAG AA ✓ Pass

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

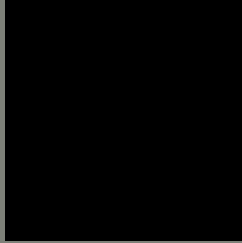
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

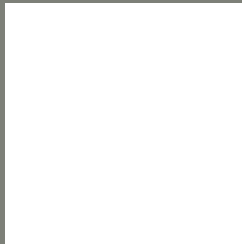
Any Text WCAG AAA × Fail

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

Hex 7D8078 Background



This preview shows how black text looks on a background with the Hex color 7D8078.



This preview shows how white text looks on a background with the Hex color 7D8078.

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

7D8078

Protanopia

837E77

Deuteranopia

8D7A79



Tritanopia
7F7E88

Trichromacy



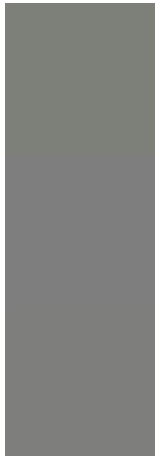
Original Color
7D8078

Protanomaly
817F77

Deuteranomaly
877C79

Tritanomaly
7E7F82

Monochromacy



Original Color
7D8078

Achromatopsia
7E7E7E

Achromatomaly
7E7F7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D8078 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 #7D8078 looks like.

```
.text, #text, p{  
    color:#7D8078  
}
```

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 #7D8078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8078
}
```

Border

The CSS property to change the border of an element to Hex 7D8078 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
#7D8078 }
```

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

```
.border{ border-color:#7D8078 }
```

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

Here you see how a box with a 4 pixel #7D8078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8078; -webkit-box-shadow:4px 4px  
4px 4px #7D8078; box-shadow:4px 4px 4px  
4px #7D8078 }
```

Background

The CSS property to change the background color of an element to Hex 7D8078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8078 }
```

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

```
.background{ background-color:#7D8078 }
```

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