

# Converting Colors

Hex(7A7978)

Have a look what the booklet for  
Hex(7A7978) contains.

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# Color

**Hex(7A7978)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A7978
RGB	122, 121, 120
RGB Percent	48%, 47%, 47%
CMY	0.5216, 0.5255, 0.5294
CMYK	0.00, 0.01, 0.02, 0.52
HSL	30°, 1%, 47%
HSV	30°, 2%, 48%
XYZ	18.2536, 19.1684, 20.5071
YIQ	121.1850, 0.9170, -0.0990

# Conversions

## Conversions Part 2

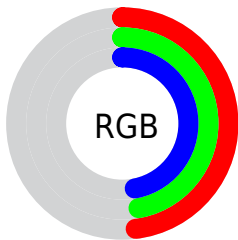
Format	Color
R <sub>Y</sub> B	122, 122, 120
Decimal	8026488
CIE Lab	50.88, 0.18, 0.67
CIE LCh	51, 0.699, 74.865
Yxy	19.1684, 0.3151, 0.3309
Android (android.graphics.Color)	4286216568 (0xFF7A7978)
YUV	121.1850, -0.5842, 0.7148
Hunter-Lab	43.7817, -2.1974, 2.8761

# Details

The Hex color **7A7978** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **78797A**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **AEADAC**, and **494948** is the 20% darker color. If you saturate the color by 10%, you get **7A736C**, and if you desaturate by 10%, it is **7A7F84**.

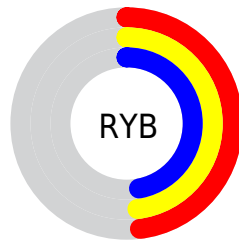
# Distribution



Red (48%)

Green (47%)

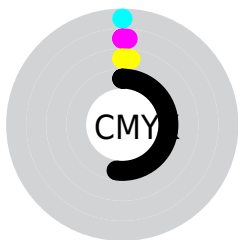
Blue (47%)



Red (48%)

Yellow (48%)

Blue (47%)

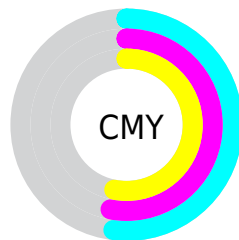


Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (52%)



Cyan (52%)

Magenta (53%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A7978 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 7A7978 by changing the saturation by 10% instead.





7A7978



7A7978

FFFFFF



61605F



AEADAC



494948



CAC9C8



333231



E6E5E4



1E1D1C



040302



000000



7A7978



7A7978



7A736C



7A7F84



7A6D60



7A8590

 7A6753

 7A8B9D

 7A6147

 7A91A9

 7A5A3B

 7A98B5

 7A542F

 7A9EC1

 7A4E23

 7AA4CD

 7A4816

 7AAADA

 7A420A

 7AB0E6

# Harmonies

## Analogous

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



7A7978



797978

# Triad

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



7A7978



787A79



7A797A

# Complementary

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



7A7978



78797A

# 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.



79797A



7A7978



78797A

# Square

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



7A7978



787979



78797A



7A7979

# Rectangle

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



7A7978



797978



78797A



79797A



# Sweetspot

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



7A7978



9E9E9E



7A7879



4F4F4F



CFCFCF

# Same Dimension

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



7A7978



9E9D9B



7A7A78



3D3D3C



7D3E00



FC7E00



# Inverse Universe

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



78797A



9B9D9E



78787A



3C3D3D



003E7D



007EFC



# Previews

## White Background



This preview shows how the Hex color 7A7978 looks on a white background.

## Color Contrast Check

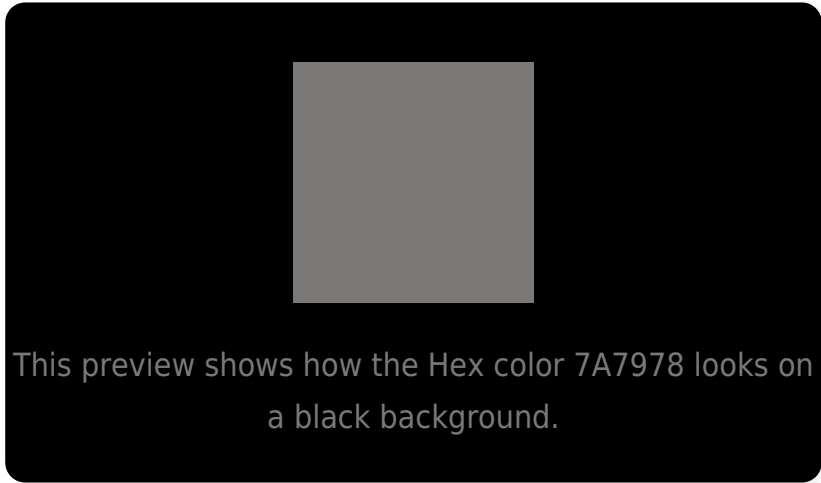
Large Text (above 18pt) WCAG AA ✓ Pass

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

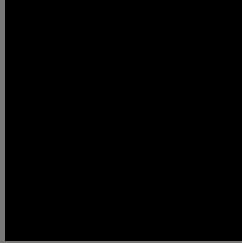
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

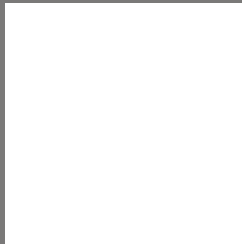
Any Text WCAG AAA × Fail

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

## Hex 7A7978 Background



This preview shows how black text looks on a background with the Hex color 7A7978.



This preview shows how white text looks on a background with the Hex color 7A7978.



# 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**  
7A7978

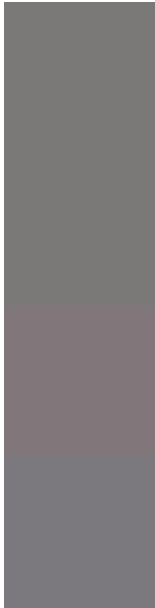
**Protanopia**  
7C7978

**Deuteranopia**  
857579



**Tritanopia**  
7B7881

# Trichromacy



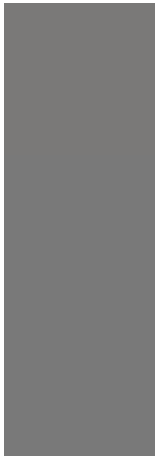
**Original Color**  
7A7978

**Protanomaly**  
7B7978

**Deuteranomaly**  
817679

**Tritanomaly**  
7B787E

# Monochromacy



**Original Color**  
7A7978

**Achromatopsia**  
797979

**Achromatomaly**  
797979

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A7978 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 #7A7978 looks like.

```
.text, #text, p{  
    color:#7A7978  
}
```

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 #7A7978 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7978
}
```

## Border

The CSS property to change the border of an element to Hex 7A7978 is called "border". The border property can be set on classes, ids or directly on the HTML element.

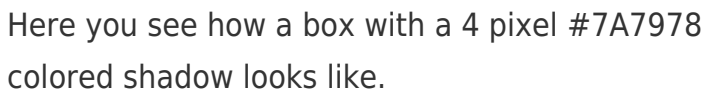
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A7978 }
```

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

```
.border{ border-color:#7A7978 }
```

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



Here you see how a box with a 4 pixel #7A7978 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7978; -webkit-box-shadow:4px 4px  
4px 4px #7A7978; box-shadow:4px 4px 4px  
4px #7A7978 }
```

# Background

The CSS property to change the background color of an element to Hex 7A7978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7978 }
```

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

```
.background{ background-color:#7A7978 }
```

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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