

# Converting Colors

Hex(7E7380)

Have a look what the booklet for  
Hex(7E7380) contains.

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# Color

**Hex(7E7380)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E7380
RGB	126, 115, 128
RGB Percent	49%, 45%, 50%
CMY	0.5059, 0.5490, 0.4980
CMYK	0.02, 0.10, 0.00, 0.50
HSL	291°, 5%, 48%
HSV	291°, 10%, 50%
XYZ	18.6312, 18.2556, 22.9638
YIQ	119.7710, 2.3830, 6.3750

# Conversions

## Conversions Part 2

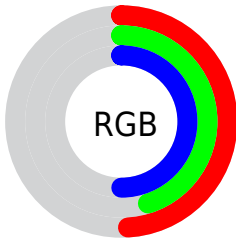
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 115, 128
Decimal	8287104
CIE <sub>Lab</sub>	49.80, 6.81, -5.59
CIE <sub>LCh</sub>	50, 8.811, 320.602
Yxy	18.2556, 0.3113, 0.3050
Android (android.graphics.Color)	4286477184 (0xFF7E7380)
YUV	119.7710, 4.0569, 5.4628
Hunter-Lab	42.7266, 3.0646, -1.9574

# Details

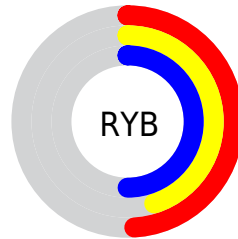
The Hex color **7E7380** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **758073**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B3A7B5**, and **4D434F** is the 20% darker color. If you saturate the color by 10%, you get **7C6680**, and if you desaturate by 10%, it is **808080**.

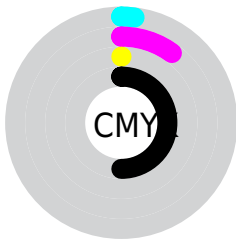
# Distribution



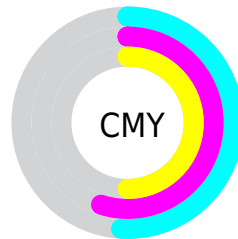
- Red (49%)
- Green (45%)
- Blue (50%)



- Red (49%)
- Yellow (45%)
- Blue (50%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (50%)



- Cyan (51%)
- Magenta (55%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E7380 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 7E7380 by changing the saturation by 10% instead.





7E7380



7E7380

FFFFFF



655A67



B3A7B5



4D434F



CEC2D0



362D38



EADEED



211823



FFFBFF



0A000D



000000



7E7380



7E7380



7C6680



808080



7A5980



828D80

784D80

849980

764080

86A680

743380

88B380

722680

8AC080

701980

8CCD80

6E0D80

8ED980

6C0080

90E680

# Harmonies

## Analogous

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



757584



7E7380



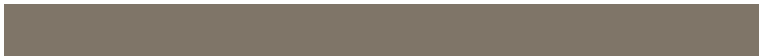
847279

# Triad

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



7E7380



7F7568



647B7B

# Complementary

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



7E7380



758073

# 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.



677B74



7E7380



777868

# Square

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



7E7380



85736B



6E7A6D



657A82

# Rectangle

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



7E7380



867174



6E7A6D



647B79



# Sweetspot

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



7E7380



A5A1A6



737580



545154



D4D4D4



545454



# Same Dimension

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



7E7380



A392A6



80737C



3F3940



6C0080



000000



# Inverse Universe

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



807375



A69295



738077



40393A



800014



000000



# Previews

## White Background



This preview shows how the Hex color 7E7380 looks on a white background.

## Color Contrast Check

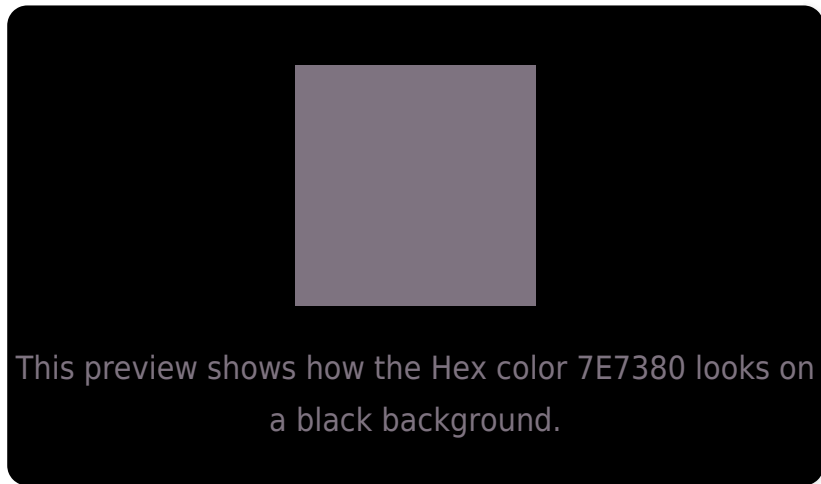
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

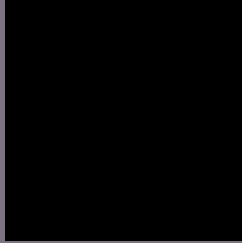
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7E7380 Background



This preview shows how black text looks on a background with the Hex color 7E7380.



This preview shows how white text looks on a background with the Hex color 7E7380.

# 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**

7E7380

**Protanopia**

757682

**Deuteranopia**

7E7380



**Tritanopia**  
7D747D

# Trichromacy



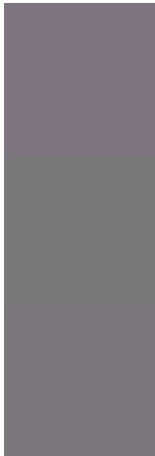
**Original Color**  
7E7380

**Protanomaly**  
787581

**Deuteranomaly**  
7E7380

**Tritanomaly**  
7D747E

# Monochromacy



**Original Color**  
7E7380

**Achromatopsia**  
787878

**Achromatomaly**  
7A767B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E7380 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 #7E7380 looks like.

```
.text, #text, p{  
    color:#7E7380  
}
```

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 #7E7380 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E7380
}
```

## Border

The CSS property to change the border of an element to Hex 7E7380 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
#7E7380 }
```

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

```
.border{ border-color:#7E7380 }
```

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

Here you see how a box with a 4 pixel #7E7380 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E7380; -webkit-box-shadow:4px 4px  
4px 4px #7E7380; box-shadow:4px 4px 4px  
4px #7E7380 }
```

# Background

The CSS property to change the background color of an element to Hex 7E7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E7380 }
```

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

```
.background{ background-color:#7E7380 }
```

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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