

# Converting Colors

Hex(7A6881)

Have a look what the booklet for  
Hex(7A6881) contains.

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# Color

**Hex(7A6881)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A6881
RGB	122, 104, 129
RGB Percent	48%, 41%, 51%
CMY	0.5216, 0.5922, 0.4941
CMYK	0.05, 0.19, 0.00, 0.49
HSL	283°, 11%, 46%
HSV	283°, 19%, 51%
XYZ	16.9388, 15.6232, 22.8917
YIQ	112.2320, 2.7030, 11.5910

# Conversions

## Conversions Part 2

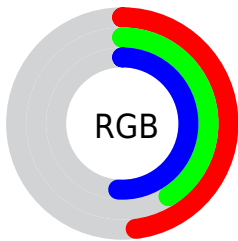
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 104, 129
Decimal	8022145
CIELab	46.48, 12.08, -11.21
CIELCh	46, 16.478, 317.150
Yxy	15.6232, 0.3055, 0.2817
Android (android.graphics.Color)	4286212225 (0xFF7A6881)
YUV	112.2320, 8.2666, 8.5665
Hunter-Lab	39.5262, 7.3247, -6.6696

# Details

The Hex color **7A6881** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6F8168**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **AF9BB6**, and **493950** is the 20% darker color. If you saturate the color by 10%, you get **765B81**, and if you desaturate by 10%, it is **7E7581**.

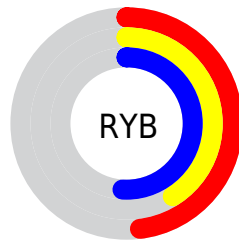
# Distribution



Red (48%)

Green (41%)

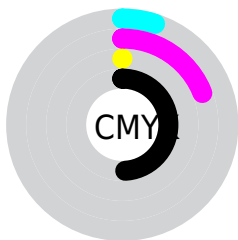
Blue (51%)



Red (48%)

Yellow (41%)

Blue (51%)

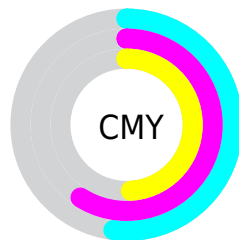


Cyan (5%)

Magenta (19%)

Yellow (0%)

Black (49%)



Cyan (52%)

Magenta (59%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A6881 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 7A6881 by changing the saturation by 10% instead.



■ 7A6881

■ 7A6881

FFFFFF

■ 615068

■ AF9BB6

■ 493950

■ CAB6D1

■ 322339

■ E6D2EE

■ 1D0F23

■ FFEEFF

■ 00000C

■ 000000

■ 7A6881

■ 7A6881

■ 765B81

■ 7E7581

■ 734E81

■ 818281

6F4181

858F81

6C3481

889C81

682781

8CA981

641B81

90B581

610E81

93C281

5D0181

97CF81

5D0081

9BDC81

# Harmonies

## Analogous

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



696D88



7A6881



866575

# Triad

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



7A6881



7E6B53



487676

# Complementary

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



7A6881



6F8168

# 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.



527668



7A6881



707054

# Square

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



7A6881



88675A



60735B



497482

# Rectangle

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



7A6881



8A646B



60735B



4A7671



# Sweetspot

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



7A6881



A59EA8



686F81



534E54



D4D4D4



545454



# Same Dimension

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



7A6881



9D82A8



81687C



3E3940



5C0080



000000



# Inverse Universe

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



81686F



A8828C



68816D



40393B



800024

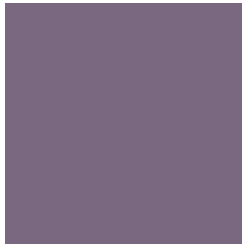


000000



# Previews

## White Background



This preview shows how the Hex color 7A6881 looks on a white background.

## Color Contrast Check

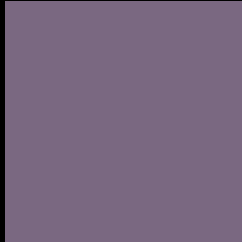
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 7A6881 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

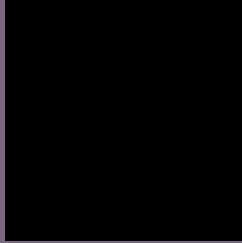
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A6881 Background



This preview shows how black text looks on a background with the Hex color 7A6881.



This preview shows how white text looks on a background with the Hex color 7A6881.

# 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**  
7A6881

**Protanopia**  
696D85

**Deuteranopia**  
706C80



**Tritanopia**  
786A73

# Trichromacy



**Original Color**  
7A6881

**Protanomaly**  
6F6B84

**Deuteranomaly**  
746B80

**Tritanomaly**  
796978

# Monochromacy



**Original Color**  
7A6881

**Achromatopsia**  
707070

**Achromatomaly**  
746D76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A6881 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 #7A6881 looks like.

```
.text, #text, p{  
    color:#7A6881  
}
```

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 #7A6881 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A6881
}
```

## Border

The CSS property to change the border of an element to Hex 7A6881 is called "border". The border property can be set on classes, ids or directly on the HTML element.

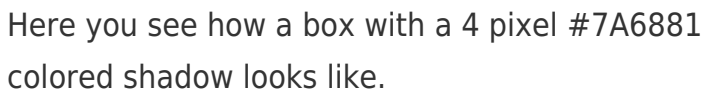
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A6881 }
```

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

```
.border{ border-color:#7A6881 }
```

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



Here you see how a box with a 4 pixel #7A6881 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A6881; -webkit-box-shadow:4px 4px  
4px 4px #7A6881; box-shadow:4px 4px 4px  
4px #7A6881 }
```

# Background

The CSS property to change the background color of an element to Hex 7A6881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A6881 }
```

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

```
.background{ background-color:#7A6881 }
```

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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