

# Converting Colors

Hex(7B7184)

Have a look what the booklet for  
Hex(7B7184) contains.

<b>Hex(7B7184)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(7B7184)

# Conversions

## Conversions Part 1

Format	Color
Hex	7B7184
RGB	123, 113, 132
RGB Percent	48%, 44%, 52%
CMY	0.5176, 0.5569, 0.4824
CMYK	0.07, 0.14, 0.00, 0.48
HSL	272°, 8%, 48%
HSV	272°, 14%, 52%
XYZ	18.2384, 17.6872, 24.2825
YIQ	118.1560, -0.1390, 8.0290

# Conversions

## Conversions Part 2

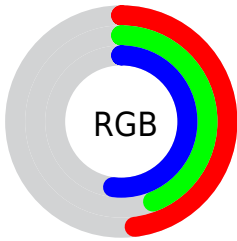
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	123, 113, 132
Decimal	8089988
CIE Lab	49.11, 7.73, -9.02
CIE LCh	49, 11.877, 310.592
Yxy	17.6872, 0.3029, 0.2938
Android (android.graphics.Color)	4286280068 (0xFF7B7184)
YUV	118.1560, 6.8251, 4.2482
Hunter-Lab	42.0561, 3.8115, -4.7938

# Details

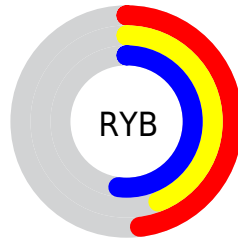
The Hex color **7B7184** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A8471**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B0A5B9**, and **4A4153** is the 20% darker color. If you saturate the color by 10%, you get **756484**, and if you desaturate by 10%, it is **817E84**.

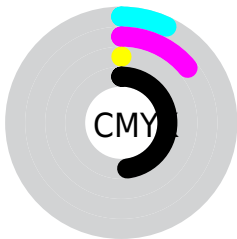
# Distribution



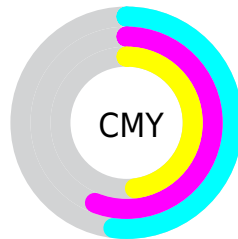
- Red (48%)
- Green (44%)
- Blue (52%)



- Red (48%)
- Yellow (44%)
- Blue (52%)



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)
- Black (48%)



- Cyan (52%)
- Magenta (56%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B7184 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 7B7184 by changing the saturation by 10% instead.



■ 7B7184

■ 7B7184

FFFFFF

■ 62596B

■ B0A5B9

■ 4A4153

■ CBC0D5

■ 342B3C

■ E7DCF1

■ 1E1726

■ FFF8FF

■ 020011

■ 000000

■ 7B7184

■ 7B7184

■ 756484

■ 817E84

■ 6E5784

■ 888B84

684984

8E9984

623C84

94A684

5C2F84

9AB384

552284

A1C084

4F1584

A7CD84

490784

ADDB84

450084

B3E884

# Harmonies

## Analogous

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



6E7488



7B7184



856F7C

# Triad

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



7B7184



837262



5C7B78

# Complementary

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



7B7184



7A8471

# 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.



637A6E



7B7184



797561

# Square

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



7B7184



896F68



6E7865



5B7A81

# Rectangle

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



7B7184



896E75



6E7865



5D7B75



# Sweetspot

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



7B7184



A8A4AB



717A84



555257



D6D6D6



575757



# Same Dimension

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



7B7184



9D8EAB



847184



3F3C42



440082



010003



# Inverse Universe

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



84717A



AB8E9C



718471



423C3F



82003E



030001



# Previews

## White Background



This preview shows how the Hex color 7B7184 looks on a white background.

## Color Contrast Check

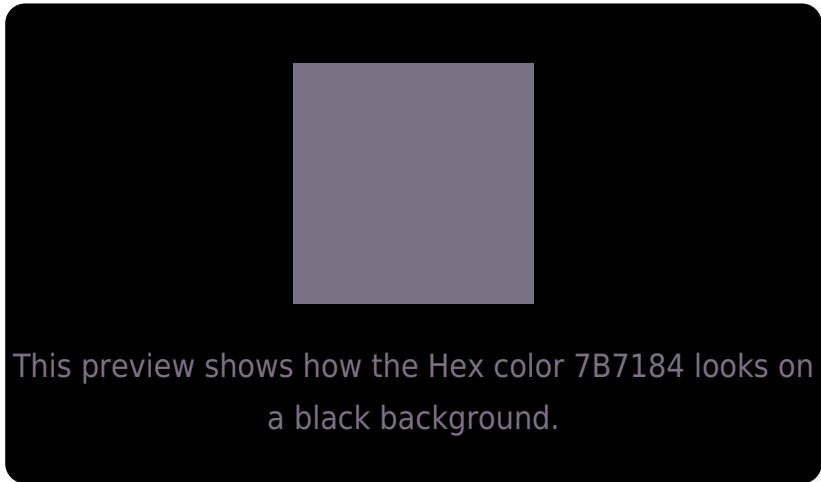
Large Text (above 18pt) WCAG AA ✓ Pass

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

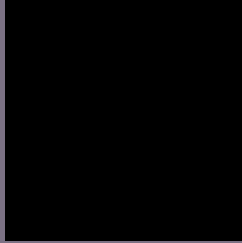
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

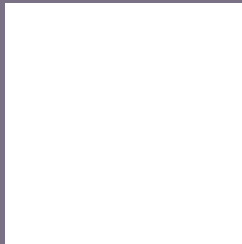
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B7184 Background



This preview shows how black text looks on a background with the Hex color 7B7184.



This preview shows how white text looks on a background with the Hex color 7B7184.

# 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**

7B7184

**Protanopia**

727486

**Deuteranopia**

797284



**Tritanopia**  
7A727B

# Trichromacy



**Original Color**

7B7184

**Protanomaly**

757385

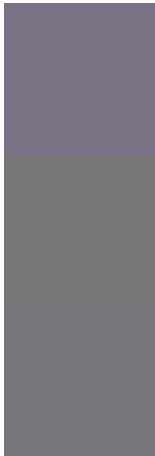
**Deuteranomaly**

7A7284

**Tritanomaly**

7A727E

# Monochromacy



**Original Color**

7B7184

**Achromatopsia**

767676

**Achromatomaly**

78747B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B7184 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 #7B7184 looks like.

```
.text, #text, p{  
    color:#7B7184  
}
```

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 #7B7184 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7184
}
```

## Border

The CSS property to change the border of an element to Hex 7B7184 is called "border". The border property can be set on classes, ids or directly on the HTML element.

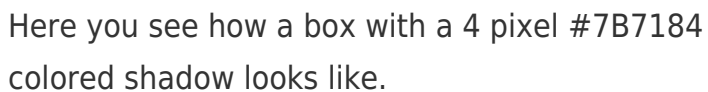
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B7184 }
```

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

```
.border{ border-color:#7B7184 }
```

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



Here you see how a box with a 4 pixel #7B7184 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7184; -webkit-box-shadow:4px 4px  
4px 4px #7B7184; box-shadow:4px 4px 4px  
4px #7B7184 }
```

# Background

The CSS property to change the background color of an element to Hex 7B7184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7184 }
```

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

```
.background{ background-color:#7B7184 }
```

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