

# Converting Colors

Hex(7B8488)

Have a look what the booklet for  
Hex(7B8488) contains.

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# Color

Hex(7B8488)

# Conversions

## Conversions Part 1

Format	Color
Hex	7B8488
RGB	123, 132, 136
RGB Percent	48%, 52%, 53%
CMY	0.5176, 0.4824, 0.4667
CMYK	0.10, 0.03, 0.00, 0.47
HSL	198°, 5%, 51%
HSV	198°, 10%, 53%
XYZ	20.8636, 22.4911, 26.5341
YIQ	129.7650, -6.6480, -0.6640

# Conversions

## Conversions Part 2

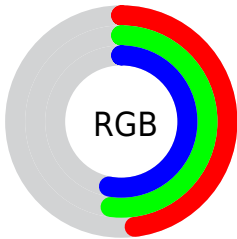
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 128, 136
Decimal	8094856
CIE <sub>Lab</sub>	54.54, -2.45, -3.30
CIE <sub>LCh</sub>	55, 4.109, 233.324
Yxy	22.4911, 0.2985, 0.3218
Android (android.graphics.Color)	4286284936 (0xFF7B8488)
YUV	129.7650, 3.0739, -5.9329
Hunter-Lab	47.4247, -4.4657, 0.0246

# Details

The Hex color **7B8488** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **887F7B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **AFB9BD**, and **4A5356** is the 20% darker color. If you saturate the color by 10%, you get **6D8088**, and if you desaturate by 10%, it is **898888**.

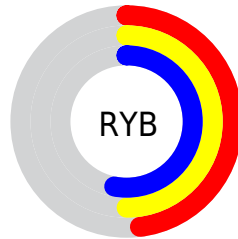
# Distribution



Red (48%)

Green (52%)

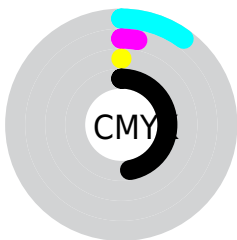
Blue (53%)



Red (48%)

Yellow (50%)

Blue (53%)

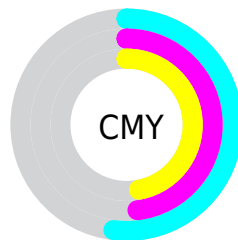


Cyan (10%)

Magenta (3%)

Yellow (0%)

Black (47%)



Cyan (52%)

Magenta (48%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B8488 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 7B8488 by changing the saturation by 10% instead.



■ 7B8488

■ 7B8488

FFFFFF

■ 626B6F

■ AFB9BD

■ 4A5356

■ CBD5D9

■ 343C3F

■ E7F1F5

■ 1E2629

■ 061115

■ 000000

■ 7B8488

■ 7B8488

■ 6D8088

■ 898888

■ 607C88

■ 968C88

■ 527788

■ A49188

■ 457388

■ B19588

■ 376F88

■ BF9988

■ 296B88

■ CD9D88

■ 1C6788

■ DAA188

■ 0E6388

■ E8A588

■ 015E88

■ F5AA88

# Harmonies

## Analogous

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



7A8585



7B8488



7E8389

# Triad

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



7B8488



898083



82837C

# Complementary

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



7B8488



887F7B

# 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.



86827B



7B8488



8A8080

# Square

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



7B8488



868187



89817D



7E847E

# Rectangle

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



7B8488



818289



89817D



84837C



# Sweetspot

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



7B8488



ABAEB0



7B887F



565859



D9D9D9



595959



# Same Dimension

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



7B8488



9DAAB0



7B7E88



3E4345



005C85



000405



# Inverse Universe

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



887B84



B09DAA



88857B



453E43



85005C



050004



# Previews

## White Background



This preview shows how the Hex color 7B8488 looks on a white background.

## Color Contrast Check

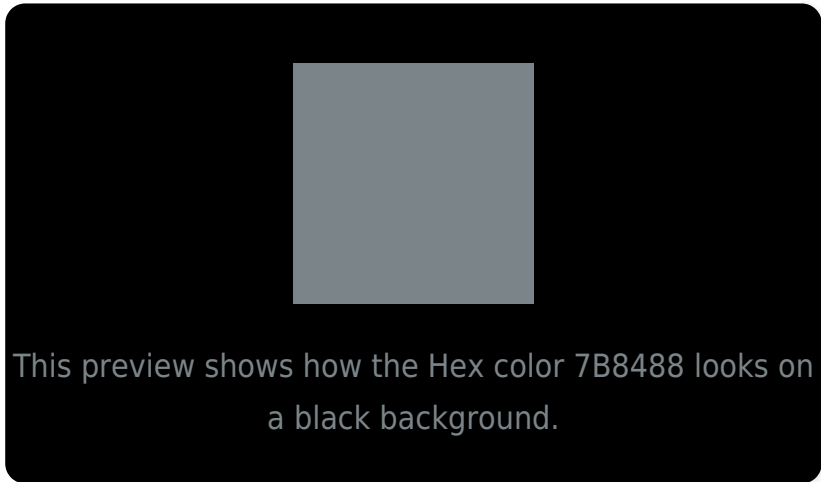
Large Text (above 18pt) WCAG AA ✓ Pass

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

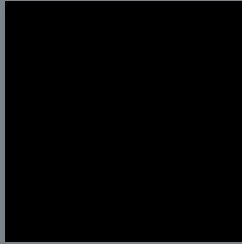
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

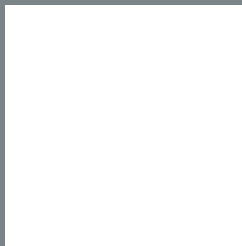
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B8488 Background



This preview shows how black text looks on a background with the Hex color 7B8488.



This preview shows how white text looks on a background with the Hex color 7B8488.

# 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**

7B8488

**Protanopia**

838287

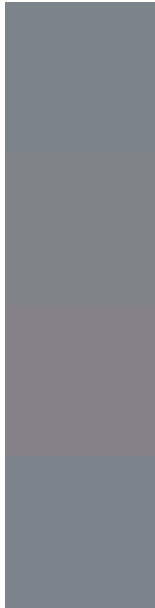
**Deuteranopia**

8C7E89



**Tritanopia**  
7C838E

# Trichromacy



**Original Color**

7B8488

**Protanomaly**

808387

**Deuteranomaly**

868089

**Tritanomaly**

7C838C

# Monochromacy



**Original Color**

7B8488

**Achromatopsia**

828282

**Achromatomaly**

7F8384

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B8488 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 #7B8488 looks like.

```
.text, #text, p{  
    color:#7B8488  
}
```

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 #7B8488 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B8488
}
```

## Border

The CSS property to change the border of an element to Hex 7B8488 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
#7B8488 }
```

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

```
.border{ border-color:#7B8488 }
```

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

Here you see how a box with a 4 pixel #7B8488 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B8488; -webkit-box-shadow:4px 4px  
4px 4px #7B8488; box-shadow:4px 4px 4px  
4px #7B8488 }
```

# Background

The CSS property to change the background color of an element to Hex 7B8488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B8488 }
```

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

```
.background{ background-color:#7B8488 }
```

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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