

# Converting Colors

Hex(7A8189)

Have a look what the booklet for  
Hex(7A8189) contains.

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# Color

Hex(7A8189)

# Conversions

## Conversions Part 1

Format	Color
Hex	7A8189
RGB	122, 129, 137
RGB Percent	48%, 51%, 54%
CMY	0.5216, 0.4941, 0.4627
CMYK	0.11, 0.06, 0.00, 0.46
HSL	212°, 6%, 51%
HSV	212°, 11%, 54%
XYZ	20.3917, 21.6442, 26.7699
YIQ	127.8190, -6.7400, 1.0040

# Conversions

## Conversions Part 2

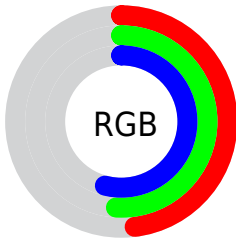
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 127, 137
Decimal	8028553
CIE Lab	53.65, -0.88, -5.21
CIE LCh	54, 5.285, 260.406
Yxy	21.6442, 0.2964, 0.3146
Android (android.graphics.Color)	4286218633 (0xFF7A8189)
YUV	127.8190, 4.5262, -5.1033
Hunter-Lab	46.5234, -3.1776, -1.5496

# Details

The Hex color **7A8189** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **89827A**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **AEB6BE**, and **495057** is the 20% darker color. If you saturate the color by 10%, you get **6C7A89**, and if you desaturate by 10%, it is **888889**.

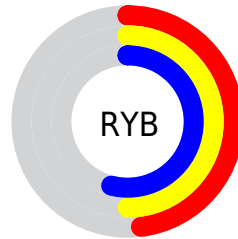
# Distribution



Red (48%)

Green (51%)

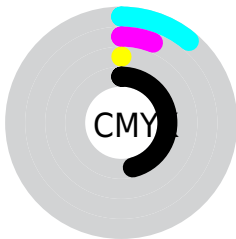
Blue (54%)



Red (48%)

Yellow (50%)

Blue (54%)

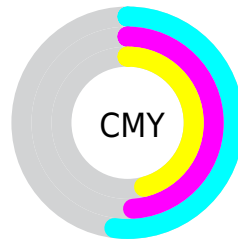


Cyan (11%)

Magenta (6%)

Yellow (0%)

Black (46%)



Cyan (52%)

Magenta (49%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A8189 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 7A8189 by changing the saturation by 10% instead.





7A8189



7A8189

FFFFFF



616870



AEB6BE



495057



CAD1DA



333940



E6EEF7



1D242A



050E16



000000



7A8189



7A8189



6C7A89



888889



5F7289



959089

■ 516B89

■ A39789

■ 436489

■ B19E89

■ 365C89

■ BFA689

■ 285589

■ CCAD89

■ 1A4E89

■ DAB489

■ 0C4789

■ E8BB89

■ 004089

■ F5C389

# Harmonies

## Analogous

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



768287



7A8189



7F7F89

# Triad

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



7A8189



8A7D7D



7B827A

# Complementary

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



7A8189



89827A

# 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.



818178



7A8189



897E79

# Square

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



7A8189



897D82



867F77



77837E

# Rectangle

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



7A8189



837F87



867F77



7D8279



# Sweetspot

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



7A8189



ADB0B3



7A8982



565759



D9D9D9



595959



# Same Dimension

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



7A8189



9BA6B3



7B7A89



3E4145



003E85



000205



# Inverse Universe

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



897A81



B39BA6



89897A



453E41



85003E



050002



# Previews

## White Background



This preview shows how the Hex color 7A8189 looks on a white background.

## Color Contrast Check

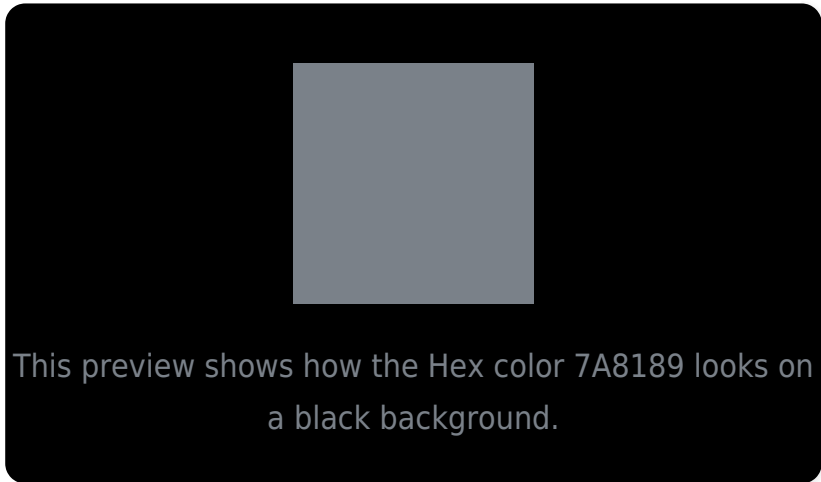
Large Text (above 18pt) WCAG AA ✓ Pass

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

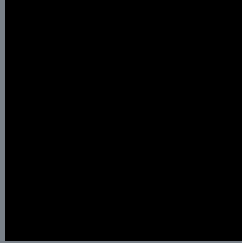
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

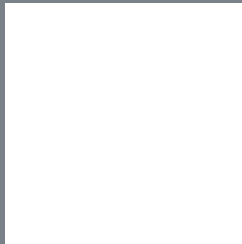
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7A8189 Background



This preview shows how black text looks on a background with the Hex color 7A8189.



This preview shows how white text looks on a background with the Hex color 7A8189.

# 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**

7A8189

**Protanopia**

807F88

**Deuteranopia**

887C8A



**Tritanopia**  
7A818B

# Trichromacy



**Original Color**

7A8189

**Protanomaly**

7E8088

**Deuteranomaly**

837E8A

**Tritanomaly**

7A818A

# Monochromacy



**Original Color**

7A8189

**Achromatopsia**

808080

**Achromatomaly**

7E8083

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A8189 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 #7A8189 looks like.

```
.text, #text, p{  
    color:#7A8189  
}
```

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 #7A8189 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A8189
}
```

## Border

The CSS property to change the border of an element to Hex 7A8189 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
#7A8189 }
```

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

```
.border{ border-color:#7A8189 }
```

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

Here you see how a box with a 4 pixel #7A8189 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A8189; -webkit-box-shadow:4px 4px  
4px 4px #7A8189; box-shadow:4px 4px 4px  
4px #7A8189 }
```

# Background

The CSS property to change the background color of an element to Hex 7A8189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A8189 }
```

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

```
.background{ background-color:#7A8189 }
```

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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