

# Converting Colors

Hex(7F8187)

Have a look what the booklet for  
Hex(7F8187) contains.

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# Color

**Hex(7F8187)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F8187
RGB	127, 129, 135
RGB Percent	50%, 51%, 53%
CMY	0.5020, 0.4941, 0.4706
CMYK	0.06, 0.04, 0.00, 0.47
HSL	225°, 3%, 51%
HSV	225°, 6%, 53%
XYZ	20.9758, 21.9618, 26.0552
YIQ	129.0860, -3.1180, 1.4420

# Conversions

## Conversions Part 2

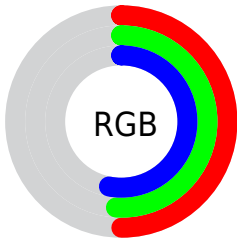
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 129, 135
Decimal	8356231
CIE Lab	53.99, 0.49, -3.50
CIE LCh	54, 3.535, 277.959
Yxy	21.9618, 0.3040, 0.3183
Android (android.graphics.Color)	4286546311 (0xFF7F8187)
YUV	129.0860, 2.9156, -1.8294
Hunter-Lab	46.8634, -2.1153, -0.1597

# Details

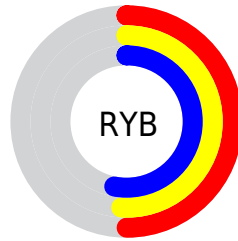
The Hex color **7F8187** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **87857F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B4B6BC**, and **4E5055** is the 20% darker color. If you saturate the color by 10%, you get **727787**, and if you desaturate by 10%, it is **8D8B87**.

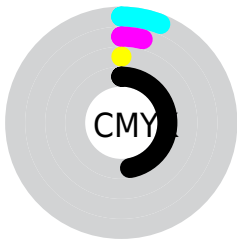
# Distribution



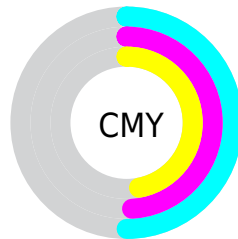
- Red (50%)
- Green (51%)
- Blue (53%)



- Red (50%)
- Yellow (51%)
- Blue (53%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)



- Cyan (50%)
- Magenta (49%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F8187 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 7F8187 by changing the saturation by 10% instead.



■ 7F8187

■ 7F8187

FFFFFF

■ 66686E

■ B4B6BC

■ 4E5055

■ CFD1D8

■ 37393E

■ EBEEF4

■ 222428

■ 0C0E14

■ 000000

■ 7F8187

■ 7F8187

■ 727787

■ 8D8B87

■ 646D87

■ 9A9587

■ 576387

■ A89F87

■ 495887

■ B5AA87

■ 3C4E87

■ C3B487

■ 2E4487

■ D0BE87

■ 213A87

■ DEC887

■ 133087

■ EBD287

■ 062687

■ F9DC87

# Harmonies

## Analogous

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



7C8287



7F8187



838086

# Triad

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



7F8187



887F7D



7C837F

# Complementary

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



7F8187



87857F

# 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.



7F827C



7F8187



86807B

# Square

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



7F8187



887F80



83817B



7A8382

# Rectangle

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



7F8187



857F84



83817B



7D837E



# Sweetspot

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



7F8187



ACADB0



7F8785



575859



D9D9D9



595959



# Same Dimension

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



7F8187



A4A7B0



817F87



3D3E42



002182



000103



# Inverse Universe

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



877F81



B0A4A7



85877F



423D3E



820021



030001



# Previews

## White Background



This preview shows how the Hex color 7F8187 looks on a white background.

## Color Contrast Check

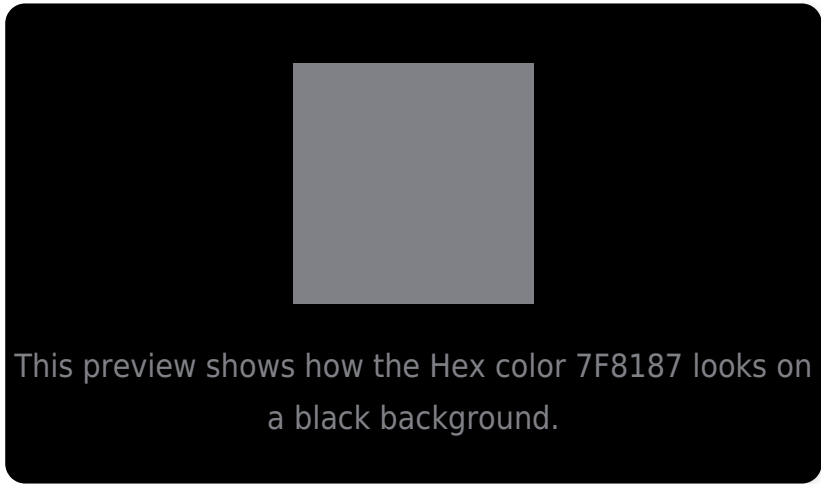
Large Text (above 18pt) WCAG AA ✓ Pass

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

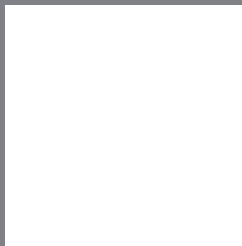
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F8187 Background



This preview shows how black text looks on a background with the Hex color 7F8187.



This preview shows how white text looks on a background with the Hex color 7F8187.

# 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**

7F8187

**Protanopia**

828087

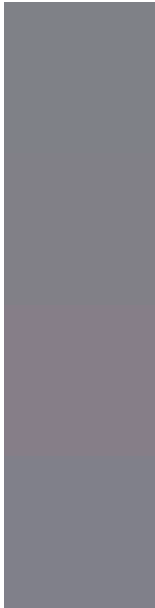
**Deuteranopia**

8A7D88



**Tritanopia**  
80808B

# Trichromacy



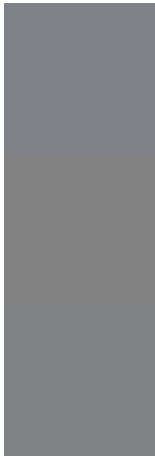
**Original Color**  
7F8187

**Protanomaly**  
818087

**Deuteranomaly**  
867E88

**Tritanomaly**  
80808A

# Monochromacy



**Original Color**  
7F8187

**Achromatopsia**  
818181

**Achromatomaly**  
808183

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F8187 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 #7F8187 looks like.

```
.text, #text, p{  
    color:#7F8187  
}
```

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 #7F8187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F8187
}
```

## Border

The CSS property to change the border of an element to Hex 7F8187 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
#7F8187 }
```

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

```
.border{ border-color:#7F8187 }
```

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

Here you see how a box with a 4 pixel #7F8187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F8187; -webkit-box-shadow:4px 4px  
4px 4px #7F8187; box-shadow:4px 4px 4px  
4px #7F8187 }
```

# Background

The CSS property to change the background color of an element to Hex 7F8187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F8187 }
```

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

```
.background{ background-color:#7F8187 }
```

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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