

Converting Colors

Hex(7F8284)

Have a look what the booklet for
Hex(7F8284) contains.

Hex(7F8284)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7F8284)

Conversions

Conversions Part 1

Format	Color
Hex	7F8284
RGB	127, 130, 132
RGB Percent	50%, 51%, 52%
CMY	0.5020, 0.4902, 0.4824
CMYK	0.04, 0.02, 0.00, 0.48
HSL	204°, 2%, 51%
HSV	204°, 4%, 52%
XYZ	20.8999, 22.1432, 25.0023
YIQ	129.3310, -2.4300, -0.0140

Conversions

Conversions Part 2

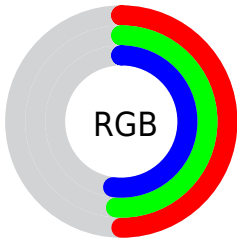
Format	Color
R_{YB}	127, 129, 132
Decimal	8356484
CIE _{Lab}	54.18, -0.70, -1.47
CIE _{LCh}	54, 1.634, 244.477
Yxy	22.1432, 0.3071, 0.3254
Android (android.graphics.Color)	4286546564 (0xFF7F8284)
YUV	129.3310, 1.3158, -2.0443
Hunter-Lab	47.0566, -3.0694, 1.4374

Details

The Hex color **7F8284** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **84817F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B4B7B9**, and **4E5153** is the 20% darker color. If you saturate the color by 10%, you get **727D84**, and if you desaturate by 10%, it is **8C8784**.

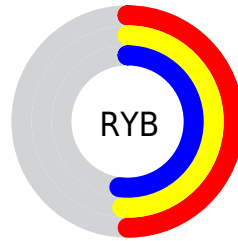
Distribution



Red (50%)

Green (51%)

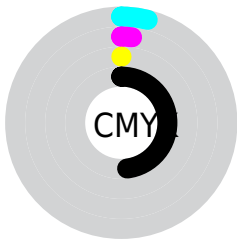
Blue (52%)



Red (50%)

Yellow (51%)

Blue (52%)

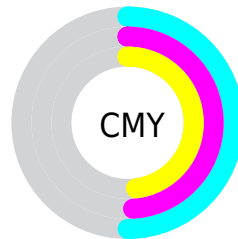


Cyan (4%)

Magenta (2%)

Yellow (0%)

Black (48%)



Cyan (50%)

Magenta (49%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F8284 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 7F8284 by changing the saturation by 10% instead.

■ 7F8284

■ 7F8284

FFFFFF

■ 66696B

■ B4B7B9

■ 4E5153

■ CFD2D5

■ 373A3C

■ EBEFF1

■ 222426

■ 0C0F11

■ 000000

■ 7F8284

■ 7F8284

■ 727D84

■ 8C8784

■ 657784

■ 998D84

■ 577284

■ A79284

■ 4A6D84

■ B49784

■ 3D6884

■ C19C84

■ 306284

■ CEA284

■ 235D84

■ DBA784

■ 155884

■ E9AC84

■ 085284

■ F6B284

Harmonies

Analogous

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



7E8283



7F8284



808284

Triad

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



7F8284



858181



81827F

Complementary

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



7F8284



84817F

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.



83817F



7F8284



858180

Square

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



7F8284



848183



84817F



7F8280

Rectangle

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



7F8284



828184



84817F



81827F

Sweetspot

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



7F8284



A9AAAB



7F8481



565657



D6D6D6



575757

Same Dimension

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



7F8284



A2A7AB



7F8084



3E4142



004E82



000203

Inverse Universe

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



847F82



ABA2A7



84847F



423E41



82004E



030002

Previews

White Background



This preview shows how the Hex color 7F8284 looks on a white background.

Color Contrast Check

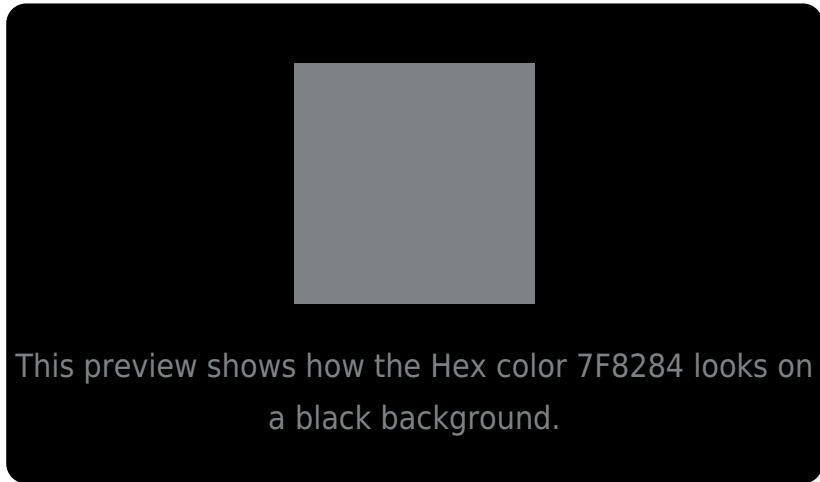
Large Text (above 18pt) WCAG AA ✓ Pass

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

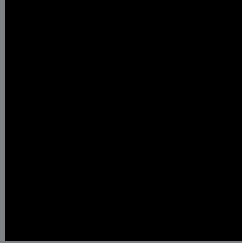
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

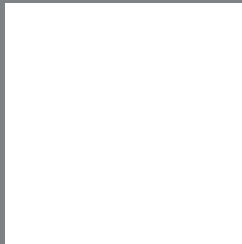
Any Text WCAG AAA × Fail

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

Hex 7F8284 Background



This preview shows how black text looks on a background with the Hex color 7F8284.



This preview shows how white text looks on a background with the Hex color 7F8284.

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

7F8284

Protanopia

838183

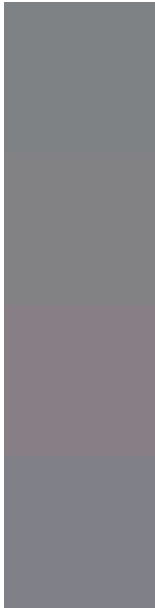
Deuteranopia

8C7D85



Tritanopia
80818B

Trichromacy



Original Color

7F8284

Protanomaly

828183

Deuteranomaly

877F85

Tritanomaly

808188

Monochromacy



Original Color

7F8284

Achromatopsia

818181

Achromatomaly

808182

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F8284 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 #7F8284 looks like.

```
.text, #text, p{  
    color:#7F8284  
}
```

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 #7F8284 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F8284
}
```

Border

The CSS property to change the border of an element to Hex 7F8284 is called "border". The border property can be set on classes, ids or directly on the HTML element.

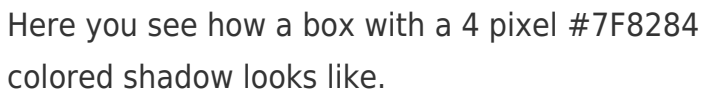
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F8284 }
```

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

```
.border{ border-color:#7F8284 }
```

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



Here you see how a box with a 4 pixel #7F8284 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F8284; -webkit-box-shadow:4px 4px  
4px 4px #7F8284; box-shadow:4px 4px 4px  
4px #7F8284 }
```

Background

The CSS property to change the background color of an element to Hex 7F8284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F8284 }
```

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

```
.background{ background-color:#7F8284 }
```

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