

Converting Colors

Hex(7B7C88)

Have a look what the booklet for
Hex(7B7C88) contains.

Hex(7B7C88)	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(7B7C88)

Conversions

Conversions Part 1

Format	Color
Hex	7B7C88
RGB	123, 124, 136
RGB Percent	48%, 49%, 53%
CMY	0.5176, 0.5137, 0.4667
CMYK	0.10, 0.09, 0.00, 0.47
HSL	235°, 5%, 51%
HSV	235°, 10%, 53%
XYZ	19.8200, 20.4038, 26.1863
YIQ	125.0690, -4.4480, 3.5200

Conversions

Conversions Part 2

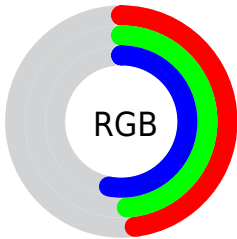
Format	Color
R_{YB}	123, 124, 136
Decimal	8092808
CIE _{Lab}	52.29, 2.14, -6.63
CIE _{LCh}	52, 6.970, 287.909
Yxy	20.4038, 0.2984, 0.3072
Android (android.graphics.Color)	4286282888 (0xFF7B7C88)
YUV	125.0690, 5.3890, -1.8145
Hunter-Lab	45.1706, -0.7263, -2.7521

Details

The Hex color **7B7C88** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **88877B**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **AFB0BD**, and **4A4B56** is the 20% darker color. If you saturate the color by 10%, you get **6D6F88**, and if you desaturate by 10%, it is **898988**.

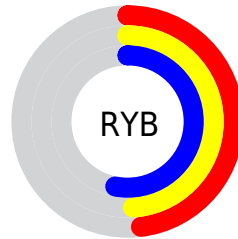
Distribution



Red (48%)

Green (49%)

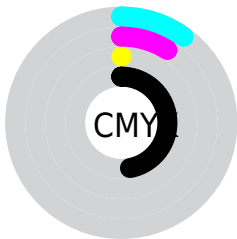
Blue (53%)



Red (48%)

Yellow (49%)

Blue (53%)

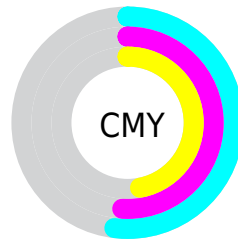


Cyan (10%)

Magenta (9%)

Yellow (0%)

Black (47%)



Cyan (52%)

Magenta (51%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7C88 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 7B7C88 by changing the saturation by 10% instead.

■ 7B7C88

■ 7B7C88

FFFFFF

■ 62636F

■ AFB0BD

■ 4A4B56

■ CBCCD9

■ 34353F

■ E7E8F6

■ 1E2029

■ 060715

■ 000000

■ 7B7C88

■ 7B7C88

■ 6D6F88

■ 898988

■ 606388

■ 969588

■ 525688

■ A4A288

■ 454A88

■ B1AE88

■ 373D88

■ BFBB88

■ 293188

■ CDC788

■ 1C2488

■ DAD488

■ 0E1888

■ E8E088

■ 010B88

■ F5ED88

Harmonies

Analogous

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



747E88



7B7C88



827A85

Triad

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



7B7C88



897A74



71807A

Complementary

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



7B7C88



88877B

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.



777F75



7B7C88



847B71

Square

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



7B7C88



8A7979



7E7D71



6E8080

Rectangle

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



7B7C88



867981



7E7D71



738078

Sweetspot

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



7B7C88



ABABB0



7B8887



565659



D9D9D9



595959

Same Dimension

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



7B7C88



9D9EB0



807B88



3E3E45



000A85



000005

Inverse Universe

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



887B7C



B09D9E



83887B



453E3E



85000A



050000

Previews

White Background



This preview shows how the Hex color 7B7C88 looks on a white background.

Color Contrast Check

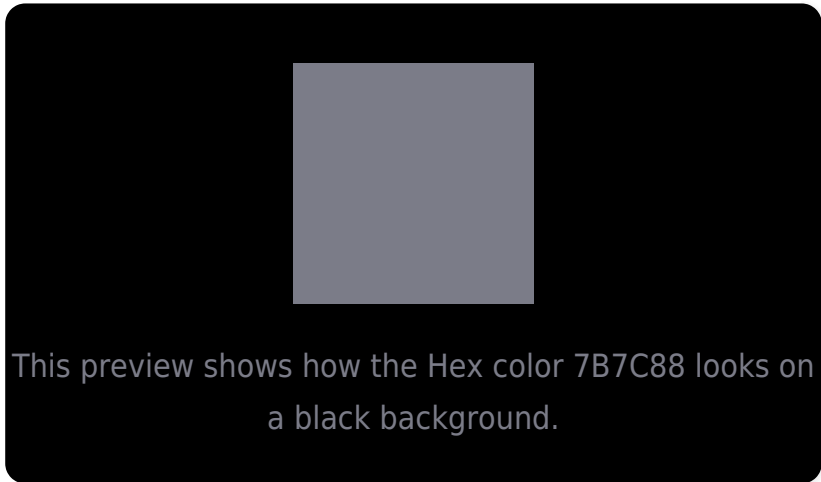
Large Text (above 18pt) WCAG AA ✓ Pass

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

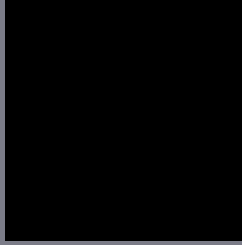
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

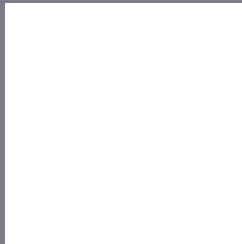
Any Text WCAG AAA × Fail

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

Hex 7B7C88 Background



This preview shows how black text looks on a background with the Hex color 7B7C88.



This preview shows how white text looks on a background with the Hex color 7B7C88.

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


7B7C88

Protanopia

7C7C88

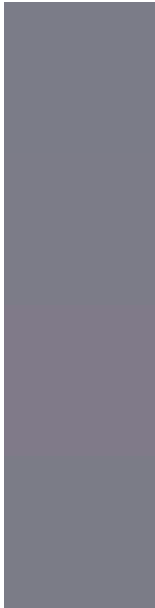
Deuteranopia

837989



Tritanopia
7B7C86

Trichromacy



Original Color
7B7C88

Protanomaly
7C7C88

Deuteranomaly
807A89

Tritanomaly
7B7C87

Monochromacy



Original Color
7B7C88

Achromatopsia
7D7D7D

Achromatomaly
7C7D81

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7C88 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 #7B7C88 looks like.

```
.text, #text, p{  
    color:#7B7C88  
}
```

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 #7B7C88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7C88
}
```

Border

The CSS property to change the border of an element to Hex 7B7C88 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
#7B7C88 }
```

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

```
.border{ border-color:#7B7C88 }
```

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

Here you see how a box with a 4 pixel #7B7C88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7C88; -webkit-box-shadow:4px 4px  
4px 4px #7B7C88; box-shadow:4px 4px 4px  
4px #7B7C88 }
```

Background

The CSS property to change the background color of an element to Hex 7B7C88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7C88 }
```

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

```
.background{ background-color:#7B7C88 }
```

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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