

Converting Colors

Hex(7B728E)

Have a look what the booklet for
Hex(7B728E) contains.

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Color

Hex(7B728E)

Conversions

Conversions Part 1

Format	Color
Hex	7B728E
RGB	123, 114, 142
RGB Percent	48%, 45%, 56%
CMY	0.5176, 0.5529, 0.4431
CMYK	0.13, 0.20, 0.00, 0.44
HSL	259°, 11%, 50%
HSV	259°, 20%, 56%
XYZ	19.0682, 18.1986, 28.0989
YIQ	119.8830, -3.6240, 10.6160

Conversions

Conversions Part 2

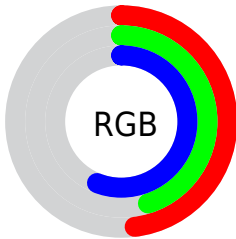
Format	Color
R_{YB}	123, 114, 142
Decimal	8090254
CIE _{Lab}	49.74, 9.36, -13.99
CIE _{LCh}	50, 16.835, 303.769
Yxy	18.1986, 0.2917, 0.2784
Android (android.graphics.Color)	4286280334 (0xFF7B728E)
YUV	119.8830, 10.9037, 2.7336
Hunter-Lab	42.6598, 5.1317, -9.1909

Details

The Hex color **7B728E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **858E72**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B0A6C4**, and **4A425C** is the 20% darker color. If you saturate the color by 10%, you get **71648E**, and if you desaturate by 10%, it is **85808E**.

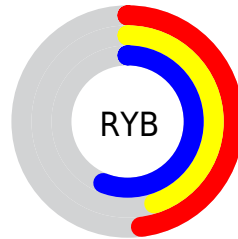
Distribution



Red (48%)

Green (45%)

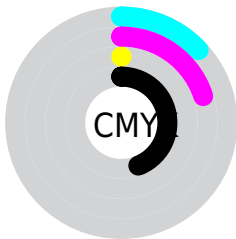
Blue (56%)



Red (48%)

Yellow (45%)

Blue (56%)

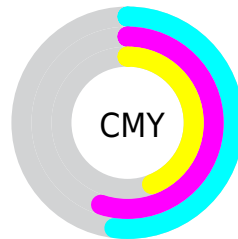


Cyan (13%)

Magenta (20%)

Yellow (0%)

Black (44%)



Cyan (52%)

Magenta (55%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B728E 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 7B728E by changing the saturation by 10% instead.

■ 7B728E

■ 7B728E

FFFFFF

■ 625974

■ B0A6C4

■ 4A425C

■ CBC1E0

■ 332C44

■ E7DDFC

■ 1D172E

■ FFF9FF

■ 06001A

■ 000000

■ 7B728E

■ 7B728E

■ 71648E

■ 85808E

■ 68568E

■ 8E8E8E

5E478E

989D8E

54398E

A2AB8E

4B2B8E

ABB98E

411D8E

B5C78E

380F8E

BED58E

2E008E

C8E48E

D2F28E

Harmonies

Analogous

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



687793



7B728E



8A6E83

Triad

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



7B728E



8C715D



527E78

Complementary

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



7B728E



858E72

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.



5F7D69



7B728E



7F765A

Square

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



7B728E



936D67



707A5E



4E7E86

Rectangle

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



7B728E



916C7A



707A5E



567E73

Sweetspot

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



7B728E



B0ADB8



72858E



57555C



DBDBDB



5C5C5C

Same Dimension

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



7B728E



9A8CB8



89728E



434047



2B0087



020008

Inverse Universe

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



8E7285



B88CA9



778E72



474045



87005C



080005

Previews

White Background



This preview shows how the Hex color 7B728E looks on a white background.

Color Contrast Check

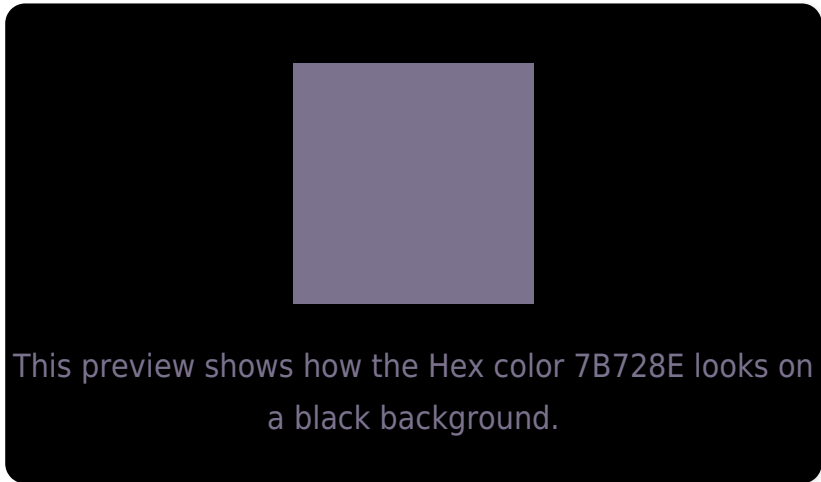
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

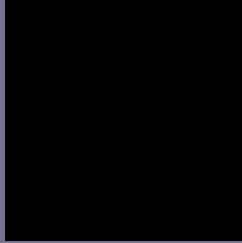
Any Text WCAG AA ✓ Pass

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 7B728E Background



This preview shows how black text looks on a background with the Hex color 7B728E.



This preview shows how white text looks on a background with the Hex color 7B728E.

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
7B728E

Protanopia
707590

Deuteranopia
76748E



Tritanopia
78757E

Trichromacy



Original Color
7B728E

Protanomaly
74748F

Deuteranomaly
78738E

Tritanomaly
797484

Monochromacy



Original Color
7B728E

Achromatopsia
787878

Achromatomaly
797680

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B728E 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 #7B728E looks like.

```
.text, #text, p{  
    color:#7B728E  
}
```

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 #7B728E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B728E
}
```

Border

The CSS property to change the border of an element to Hex 7B728E is called "border". The border property can be set on classes, ids or directly on the HTML element.

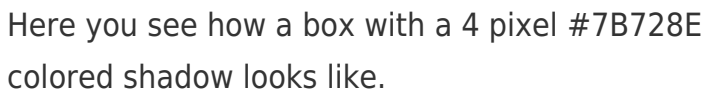
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B728E }
```

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

```
.border{ border-color:#7B728E }
```

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



Here you see how a box with a 4 pixel #7B728E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B728E; -webkit-box-shadow:4px 4px  
4px 4px #7B728E; box-shadow:4px 4px 4px  
4px #7B728E }
```

Background

The CSS property to change the background color of an element to Hex 7B728E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B728E }
```

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

```
.background{ background-color:#7B728E }
```

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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