

Converting Colors

Hex(7A728D)

Have a look what the booklet for
Hex(7A728D) contains.

Hex(7A728D)	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(7A728D)

Conversions

Conversions Part 1

Format	Color
Hex	7A728D
RGB	122, 114, 141
RGB Percent	48%, 45%, 55%
CMY	0.5216, 0.5529, 0.4471
CMYK	0.13, 0.19, 0.00, 0.45
HSL	258°, 11%, 50%
HSV	258°, 19%, 55%
XYZ	18.8511, 18.0953, 27.6985
YIQ	119.4700, -3.8990, 10.0930

Conversions

Conversions Part 2

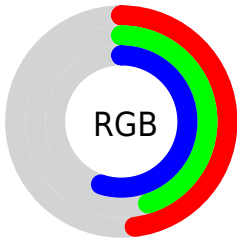
Format	Color
R_{YB}	122, 114, 141
Decimal	8024717
CIE _{Lab}	49.61, 8.78, -13.60
CIE _{LCh}	50, 16.189, 302.841
Yxy	18.0953, 0.2916, 0.2799
Android (android.graphics.Color)	4286214797 (0xFF7A728D)
YUV	119.4700, 10.6143, 2.2188
Hunter-Lab	42.5386, 4.6603, -8.8290

Details

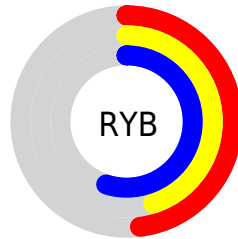
The Hex color **7A728D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **858D72**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **AFA6C3**, and **49425B** is the 20% darker color. If you saturate the color by 10%, you get **70648D**, and if you desaturate by 10%, it is **84808D**.

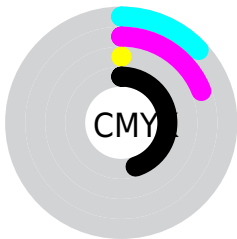
Distribution



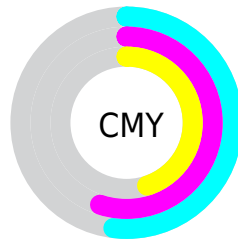
- Red (48%)
- Green (45%)
- Blue (55%)



- Red (48%)
- Yellow (45%)
- Blue (55%)



- Cyan (13%)
- Magenta (19%)
- Yellow (0%)
- Black (45%)



- Cyan (52%)
- Magenta (55%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A728D 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 7A728D by changing the saturation by 10% instead.

■ 7A728D

■ 7A728D

FFFFFF

■ 615973

■ AFA6C3

■ 49425B

■ CAC1DF

■ 322C43

■ E6DDFB

■ 1D172D

■ FFF9FF

■ 040019

■ 000000

■ 7A728D

■ 7A728D

■ 70648D

■ 84808D

■ 66568D

■ 8E8E8D

5C488D

989C8D

523A8D

A2AA8D

482C8D

ACB98D

3E1D8D

B6C78D

350F8D

BFD58D

2B018D

C9E38D

2A008D

D3F18D

Harmonies

Analogous

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



687791



7A728D



896E83

Triad

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



7A728D



8B715E



547E77

Complementary

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



7A728D



858D72

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.



607D69



7A728D



7F755B

Square

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



7A728D



926D68



707A5F



507D84

Rectangle

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



7A728D



8F6C7A



707A5F



577E72

Sweetspot

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



7A728D



B0ADB8



72858D



57555C



DBDBDB



5C5C5C

Same Dimension

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



7A728D



9A8DB8



87728D



424047



280087



020008

Inverse Universe

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



8D7285



B88DAB



788D72



474045



87005F



080005

Previews

White Background



This preview shows how the Hex color 7A728D looks on a white background.

Color Contrast Check

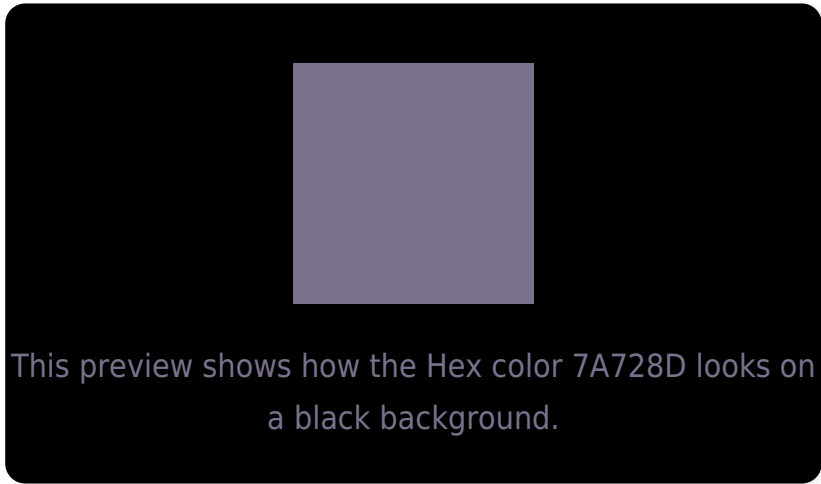
Large Text (above 18pt) WCAG AA ✓ Pass

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

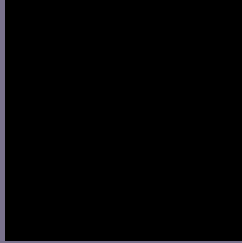
Any Text WCAG AA ✓ Pass

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 7A728D Background



This preview shows how black text looks on a background with the Hex color 7A728D.



This preview shows how white text looks on a background with the Hex color 7A728D.

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
7A728D

Protanopia
70758F

Deuteranopia
76738D



Tritanopia
77757E

Trichromacy



Original Color
7A728D

Protanomaly
74748E

Deuteranomaly
77738D

Tritanomaly
787483

Monochromacy



Original Color
7A728D

Achromatopsia
777777

Achromatomaly
78757F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A728D 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 #7A728D looks like.

```
.text, #text, p{  
    color:#7A728D  
}
```

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 #7A728D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A728D
}
```

Border

The CSS property to change the border of an element to Hex 7A728D is called "border". The border property can be set on classes, ids or directly on the HTML element.

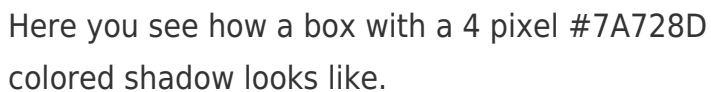
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A728D }
```

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

```
.border{ border-color:#7A728D }
```

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



Here you see how a box with a 4 pixel #7A728D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A728D; -webkit-box-shadow:4px 4px  
4px 4px #7A728D; box-shadow:4px 4px 4px  
4px #7A728D }
```

Background

The CSS property to change the background color of an element to Hex 7A728D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A728D }
```

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

```
.background{ background-color:#7A728D }
```

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