

Converting Colors

Hex(7A758D)

Have a look what the booklet for
Hex(7A758D) contains.

Hex(7A758D)	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(7A758D)

Conversions

Conversions Part 1

Format	Color
Hex	7A758D
RGB	122, 117, 141
RGB Percent	48%, 46%, 55%
CMY	0.5216, 0.5412, 0.4471
CMYK	0.13, 0.17, 0.00, 0.45
HSL	253°, 10%, 51%
HSV	253°, 17%, 55%
XYZ	19.1950, 18.7832, 27.8131
YIQ	121.2310, -4.7240, 8.5240

Conversions

Conversions Part 2

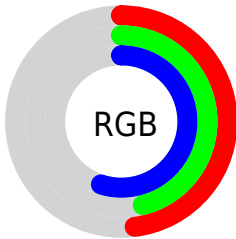
Format	Color
R_{YB}	122, 117, 141
Decimal	8025485
CIE Lab	50.43, 7.00, -12.36
CIE LCh	50, 14.206, 299.534
Yxy	18.7832, 0.2918, 0.2855
Android (android.graphics.Color)	4286215565 (0xFF7A758D)
YUV	121.2310, 9.7461, 0.6744
Hunter-Lab	43.3396, 3.2130, -7.7115

Details

The Hex color **7A758D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **888D75**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **AFA9C3**, and **49455B** is the 20% darker color. If you saturate the color by 10%, you get **6F678D**, and if you desaturate by 10%, it is **85838D**.

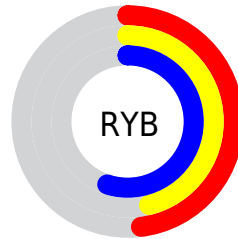
Distribution



Red (48%)

Green (46%)

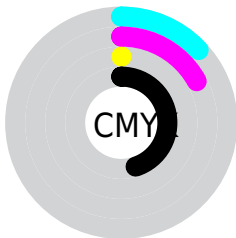
Blue (55%)



Red (48%)

Yellow (46%)

Blue (55%)

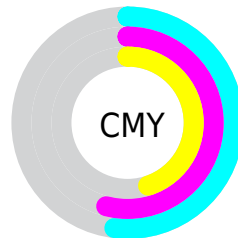


Cyan (13%)

Magenta (17%)

Yellow (0%)

Black (45%)



Cyan (52%)

Magenta (54%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A758D 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 7A758D by changing the saturation by 10% instead.



7A758D



7A758D

FFFFFF



615C73



AFA9C3



49455B



CAC4DF



322F43



E6E0FB



1D1A2D



FFFDFF



060019



000000



7A758D



7A758D



6F678D



85838D



64598D



90918D

594B8D

9B9F8D

4D3D8D

A7AD8D

422E8D

B2BC8D

37208D

BDCA8D

2C128D

C8D88D

21048D

D3E68D

1D008D

DEF48D

Harmonies

Analogous

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



6A7990



7A758D



887184

Triad

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



7A758D



8C7364



5C7F77

Complementary

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



7A758D



888D75

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.



677E6B



7A758D



827760

Square

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



7A758D



91706D



747B63



577F83

Rectangle

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



7A758D



8E707D



747B63



5F7F73

Sweetspot

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



7A758D



B0AEB8



75888D



57565C



DBDBDB



5C5C5C

Same Dimension

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



7A758D



9B93B8



86758D



424047



1C0087



020008

Inverse Universe

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



8D7588



B893B0



7C8D75



474046



87006B



080006

Previews

White Background



This preview shows how the Hex color 7A758D looks on a white background.

Color Contrast Check

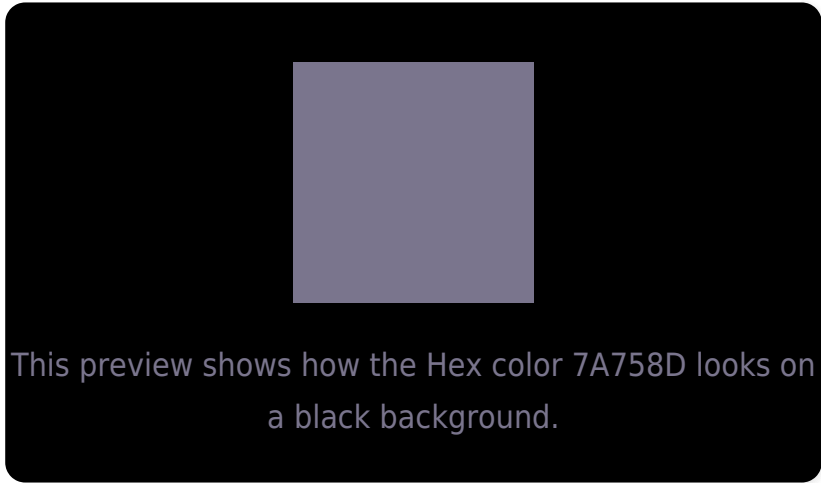
Large Text (above 18pt) WCAG AA ✓ Pass

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

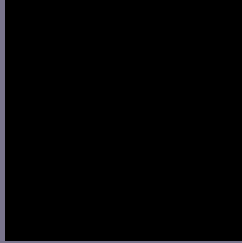
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

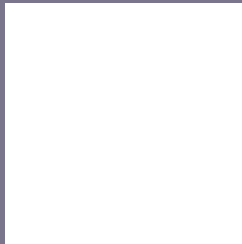
Any Text WCAG AAA × Fail

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

Hex 7A758D Background



This preview shows how black text looks on a background with the Hex color 7A758D.



This preview shows how white text looks on a background with the Hex color 7A758D.

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

7A758D

Protanopia

73778E

Deuteranopia

7A758D



Tritanopia
787781

Trichromacy



Original Color
7A758D

Protanomaly
76768E

Deuteranomaly
7A758D

Tritanomaly
797685

Monochromacy



Original Color
7A758D

Achromatopsia
797979

Achromatomaly
797880

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A758D 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 #7A758D looks like.

```
.text, #text, p{  
    color:#7A758D  
}
```

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 #7A758D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A758D
}
```

Border

The CSS property to change the border of an element to Hex 7A758D is called "border". The border property can be set on classes, ids or directly on the HTML element.

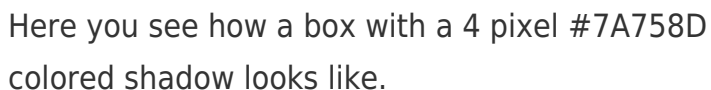
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A758D }
```

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

```
.border{ border-color:#7A758D }
```

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



Here you see how a box with a 4 pixel #7A758D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A758D; -webkit-box-shadow:4px 4px  
4px 4px #7A758D; box-shadow:4px 4px 4px  
4px #7A758D }
```

Background

The CSS property to change the background color of an element to Hex 7A758D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A758D }
```

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

```
.background{ background-color:#7A758D }
```

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