

# Converting Colors

Hex(728E7A)

Have a look what the booklet for  
Hex(728E7A) contains.

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# Color

Hex(728E7A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	728E7A
RGB	114, 142, 122
RGB Percent	45%, 56%, 48%
CMY	0.5529, 0.4431, 0.5216
CMYK	0.20, 0.00, 0.14, 0.44
HSL	137°, 11%, 50%
HSV	137°, 20%, 56%
XYZ	20.1253, 24.3286, 22.0475
YIQ	131.3480, -10.2680, -12.1560

# Conversions

## Conversions Part 2

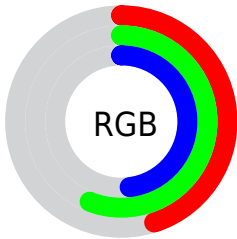
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 136, 142
Decimal	7507578
CIELab	56.42, -14.12, 7.41
CIELCh	56, 15.946, 152.309
Yxy	24.3286, 0.3026, 0.3658
Android (android.graphics.Color)	4285697658 (0xFF728E7A)
YUV	131.3480, -4.6086, -15.2142
Hunter-Lab	49.3240, -13.4850, 8.0245

# Details

The Hex color **728E7A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8E7286**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A6C4AE**, and **415C49** is the 20% darker color. If you saturate the color by 10%, you get **648E70**, and if you desaturate by 10%, it is **808E84**.

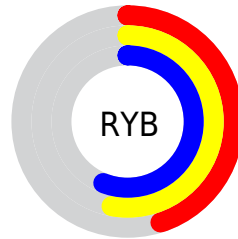
# Distribution



Red (45%)

Green (56%)

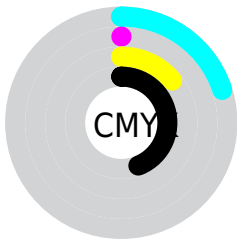
Blue (48%)



Red (45%)

Yellow (53%)

Blue (56%)

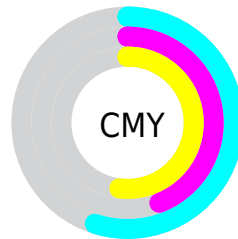


Cyan (20%)

Magenta (0%)

Yellow (14%)

Black (44%)



Cyan (55%)

Magenta (44%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 728E7A 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 728E7A by changing the saturation by 10% instead.





728E7A



728E7A

FFFFFF



597461



A6C4AE



415C49



C1E0CA



2B4433



DDFCE6



152E1E



FAFFFF



001A05



000000



728E7A



728E7A



648E70



808E84



568E66



8E8E8E

478E5C

9D8E98

398E51

AB8EA3

2B8E47

B98EAD

1D8E3D

C78EB7

0F8E33

D58EC1

008E29

E48ECB

F28ED5

# Harmonies

## Analogous

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



828B70



728E7A



668F88

# Triad

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



728E7A



7988A3



A47F79

# Complementary

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



728E7A



8E7286

# 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.



A37E87



728E7A



8B839F

# Square

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



728E7A



698C9F



9A7F94



9D826F

# Rectangle

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



728E7A



628F91



9A7F94



A47E7D



# Sweetspot

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



728E7A



ADB8B0



868E72



555C57



DBDBDB



5C5C5C



# Same Dimension

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



728E7A



8CB898



728E88



404742



008727



000802



# Inverse Universe

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



8E7286



B88CAB



8E7278



474045



870061



080005



# Previews

## White Background



This preview shows how the Hex color 728E7A looks on a white background.

## Color Contrast Check

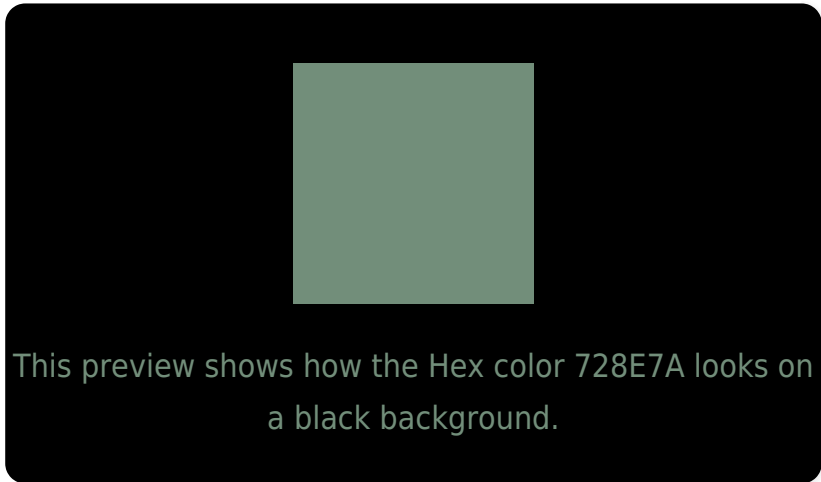
Large Text (above 18pt) WCAG AA ✓ Pass

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

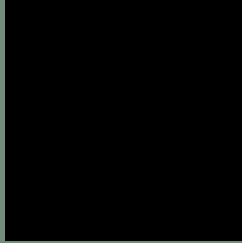
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

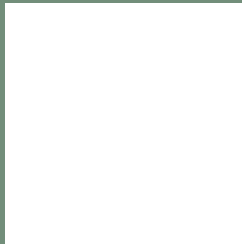
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 728E7A Background



This preview shows how black text looks on a background with the Hex color 728E7A.



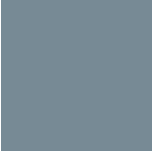
This preview shows how white text looks on a background with the Hex color 728E7A.

# 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





**Tritanopia**  
778A95

# Trichromacy



**Original Color**  
728E7A

**Protanomaly**  
838A77

**Deuteranomaly**  
8A867B

**Tritanomaly**  
758B8B

# Monochromacy



**Original Color**  
728E7A

**Achromatopsia**  
838383

**Achromatomaly**  
7D8780

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 728E7A 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 #728E7A looks like.

```
.text, #text, p{  
    color:#728E7A  
}
```

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 #728E7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #728E7A
}
```

## Border

The CSS property to change the border of an element to Hex 728E7A 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
#728E7A }
```

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

```
.border{ border-color:#728E7A }
```

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

Here you see how a box with a 4 pixel #728E7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #728E7A; -webkit-box-shadow:4px 4px  
4px 4px #728E7A; box-shadow:4px 4px 4px  
4px #728E7A }
```

# Background

The CSS property to change the background color of an element to Hex 728E7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#728E7A }
```

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

```
.background{ background-color:#728E7A }
```

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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