

Converting Colors

Hex(728E98)

Have a look what the booklet for
Hex(728E98) contains.

Hex(728E98)	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(728E98)

Conversions

Conversions Part 1

Format	Color
Hex	728E98
RGB	114, 142, 152
RGB Percent	45%, 56%, 60%
CMY	0.5529, 0.4431, 0.4039
CMYK	0.25, 0.07, 0.00, 0.40
HSL	196°, 16%, 52%
HSV	196°, 25%, 60%
XYZ	22.2799, 25.1904, 33.3937
YIQ	134.7680, -19.8980, -2.8260

Conversions

Conversions Part 2

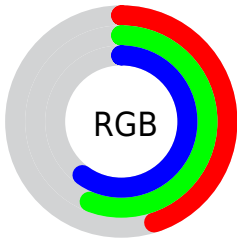
Format	Color
RYB	114, 130, 152
Decimal	7507608
CIELab	57.26, -7.49, -8.56
CIElCh	57, 11.375, 228.841
Yxy	25.1904, 0.2755, 0.3115
Android (android.graphics.Color)	4285697688 (0xFF728E98)
YUV	134.7680, 8.4954, -18.2135
Hunter-Lab	50.1900, -8.5944, -4.3153

Details

The Hex color **728E98** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **987C72**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **A7C4CE**, and **415C65** is the 20% darker color. If you saturate the color by 10%, you get **638A98**, and if you desaturate by 10%, it is **819298**.

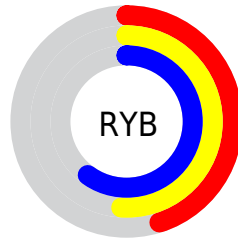
Distribution



Red (45%)

Green (56%)

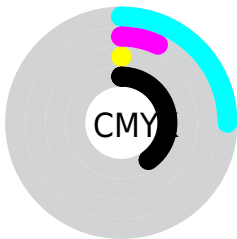
Blue (60%)



Red (45%)

Yellow (51%)

Blue (60%)

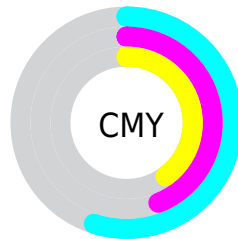


Cyan (25%)

Magenta (7%)

Yellow (0%)

Black (40%)



Cyan (55%)

Magenta (44%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 728E98 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 728E98 by changing the saturation by 10% instead.

■ 728E98

■ 728E98

FFFFFF

■ 59747E

■ A7C4CE

■ 415C65

■ C2E0EA

■ 29444D

■ DEFCFF

■ 122E36

■ FBFFFF

■ 001A21

■ 000009

■ 000000

■ 728E98

■ 728E98

■ 638A98

■ 819298

■ 548698

■ 909698

■ 448298

■ A09A98

■ 357E98

■ AF9E98

■ 267A98

■ BEA298

■ 177698

■ CDA698

■ 087298

■ DCAA98

■ 007098

■ ECAE98

■ FBB298

Harmonies

Analogous

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



708F8F



728E98



7A8B9D

Triad

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



728E98



9B838E



8B8B77

Complementary

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



728E98



987C72

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.



958876



728E98



9F8383

Square

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



728E98



938597



9C857B



7F8D7C

Rectangle

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



728E98



82899D



9C857B



8E8A76

Sweetspot

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



728E98



B5C0C4



72987C



5A6163



E3E3E3



636363

Same Dimension

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



728E98



89B5C4



727C98



454A4D



00678C



00090D

Inverse Universe

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



98728E



C489B5



988F72



4D454A



8C0067



0D0009

Previews

White Background



This preview shows how the Hex color 728E98 looks on a white background.

Color Contrast Check

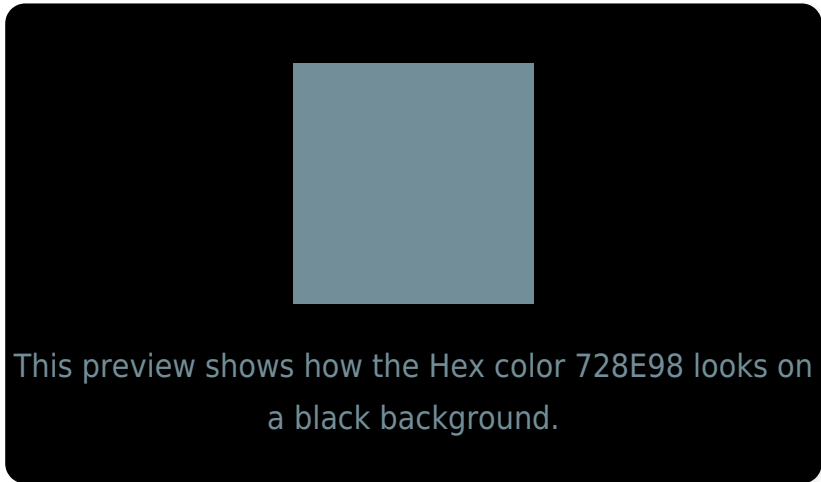
Large Text (above 18pt) WCAG AA ✓ Pass

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

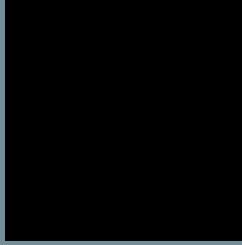
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

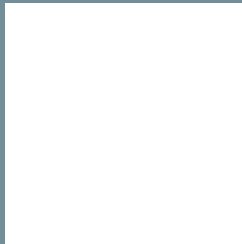
Any Text WCAG AAA × Fail

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

Hex 728E98 Background



This preview shows how black text looks on a background with the Hex color 728E98.

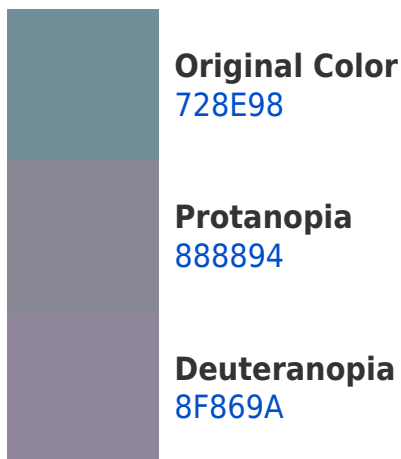


This preview shows how white text looks on a background with the Hex color 728E98.

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](#).

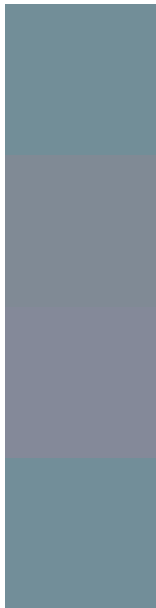
Dichromacy





Tritanopia
728E99

Trichromacy



Original Color
728E98

Protanomaly
808A95

Deuteranomaly
848999

Tritanomaly
728E99

Monochromacy



Original Color
728E98

Achromatopsia
878787

Achromatomaly
7F8A8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 728E98 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 #728E98 looks like.

```
.text, #text, p{  
    color:#728E98  
}
```

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 #728E98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #728E98
}
```

Border

The CSS property to change the border of an element to Hex 728E98 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
#728E98 }
```

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

```
.border{ border-color:#728E98 }
```

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

Here you see how a box with a 4 pixel #728E98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #728E98; -webkit-box-shadow:4px 4px  
4px 4px #728E98; box-shadow:4px 4px 4px  
4px #728E98 }
```

Background

The CSS property to change the background color of an element to Hex 728E98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#728E98 }
```

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

```
.background{ background-color:#728E98 }
```

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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