

# Converting Colors

Hex(728C8C)

Have a look what the booklet for  
Hex(728C8C) contains.

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# Color

Hex(728C8C)

# Conversions

## Conversions Part 1

Format	Color
Hex	728C8C
RGB	114, 140, 140
RGB Percent	45%, 55%, 55%
CMY	0.5529, 0.4510, 0.4510
CMYK	0.19, 0.00, 0.00, 0.45
HSL	180°, 10%, 50%
HSV	180°, 19%, 55%
XYZ	21.0511, 24.2270, 28.3777
YIQ	132.2260, -15.4960, -5.5120

# Conversions

## Conversions Part 2

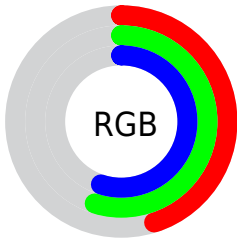
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 127, 140
Decimal	7507084
CIELab	56.31, -9.18, -3.07
CIELCh	56, 9.684, 198.498
Yxy	24.2270, 0.2858, 0.3289
Android (android.graphics.Color)	4285697164 (0xFF728C8C)
YUV	132.2260, 3.8326, -15.9842
Hunter-Lab	49.2210, -9.7946, 0.2718

# Details

The Hex color **728C8C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8C7272**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A6C2C1**, and **415A5A** is the 20% darker color. If you saturate the color by 10%, you get **648C8C**, and if you desaturate by 10%, it is **808C8C**.

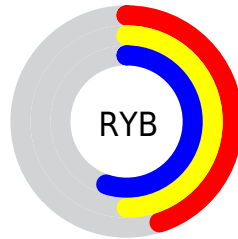
# Distribution



Red (45%)

Green (55%)

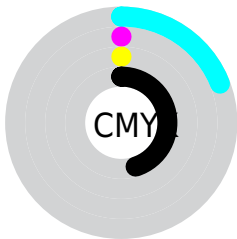
Blue (55%)



Red (45%)

Yellow (50%)

Blue (55%)

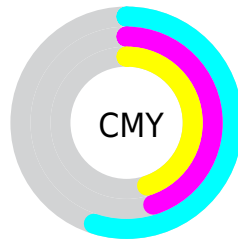


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (45%)



Cyan (55%)

Magenta (45%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 728C8C 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 728C8C by changing the saturation by 10% instead.





728C8C



728C8C

FFFFFF



597273



A6C2C1



415A5A



C2DDDD



2A4243



DEFAFA



152C2D



FAFFFF



001818



000000



728C8C



728C8C



648C8C



808C8C



568C8C



8E8C8C

488C8C

9C8C8C

3A8C8C

AA8C8C

2C8C8C

B88C8C

1E8C8C

C68C8C

108C8C

D48C8C

028C8C

E28C8C

008C8C

F08C8C

# Harmonies

## Analogous

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



768C83



728C8C



738B93

# Triad

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



728C8C



8F8392



918577

# Complementary

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



728C8C



8C7272

# 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.



97837B



728C8C



96828B

# Square

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



728C8C



858697



998182



888877

# Rectangle

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



728C8C



788A96



998182



948478



# Sweetspot

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



728C8C



AAB5B5



728C72



555C5C



DBDBDB



5C5C5C



# Same Dimension

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



728C8C



8DB5B5



727F8C



3E4545



008585



000505



# Inverse Universe

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



8C728C



B58DB5



8C7F72



453E45



850085



050005



# Previews

## White Background



This preview shows how the Hex color 728C8C looks on a white background.

## Color Contrast Check

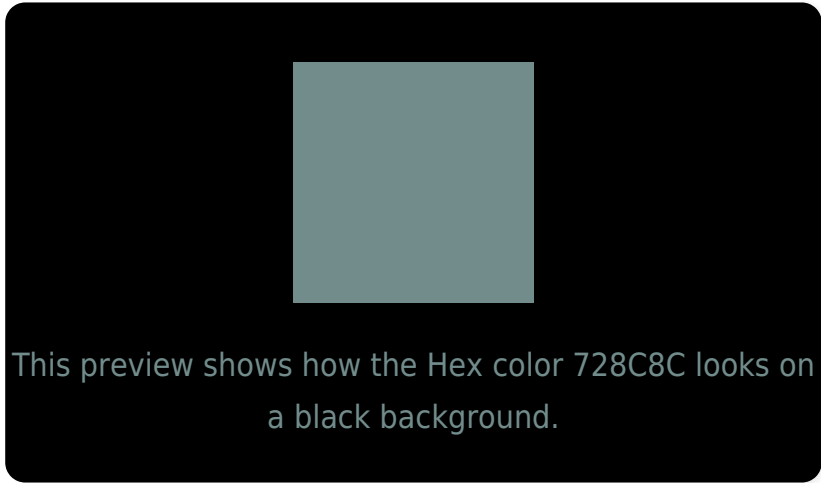
Large Text (above 18pt) WCAG AA ✓ Pass

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

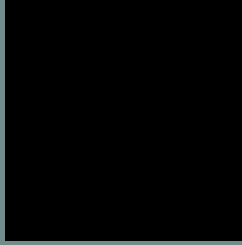
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

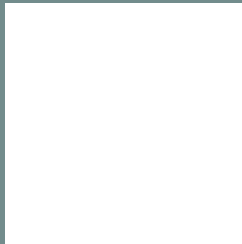
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 728C8C Background



This preview shows how black text looks on a background with the Hex color 728C8C.

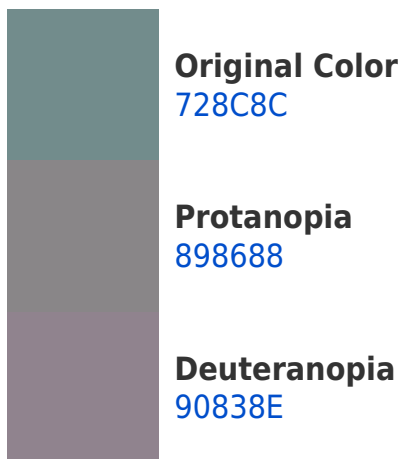


This preview shows how white text looks on a background with the Hex color 728C8C.

# 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**  
748B96

# Trichromacy



**Original Color**  
728C8C

**Protanomaly**  
818889

**Deuteranomaly**  
85868D

**Tritanomaly**  
738B92

# Monochromacy



**Original Color**  
728C8C

**Achromatopsia**  
848484

**Achromatomaly**  
7D8787

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 728C8C 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 #728C8C looks like.

```
.text, #text, p{  
    color:#728C8C  
}
```

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 #728C8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #728C8C
}
```

## Border

The CSS property to change the border of an element to Hex 728C8C 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
#728C8C }
```

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

```
.border{ border-color:#728C8C }
```

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

Here you see how a box with a 4 pixel #728C8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #728C8C; -webkit-box-shadow:4px 4px  
4px 4px #728C8C; box-shadow:4px 4px 4px  
4px #728C8C }
```

# Background

The CSS property to change the background color of an element to Hex 728C8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#728C8C }
```

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

```
.background{ background-color:#728C8C }
```

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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