

# Converting Colors

Hex(728F89)

Have a look what the booklet for  
Hex(728F89) contains.

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# Color

Hex(728F89)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	728F89
RGB	114, 143, 137
RGB Percent	45%, 56%, 54%
CMY	0.5529, 0.4392, 0.4627
CMYK	0.20, 0.00, 0.04, 0.44
HSL	168°, 11%, 50%
HSV	168°, 20%, 56%
XYZ	21.2772, 25.0285, 27.3765
YIQ	133.6450, -15.3580, -8.0140

# Conversions

## Conversions Part 2

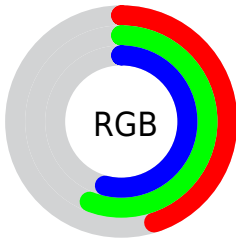
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 130, 143
Decimal	7507849
CIE <sub>Lab</sub>	57.10, -11.50, -0.19
CIE <sub>LCh</sub>	57, 11.506, 180.956
Yxy	25.0285, 0.2888, 0.3397
Android (android.graphics.Color)	4285697929 (0xFF728F89)
YUV	133.6450, 1.6540, -17.2287
Hunter-Lab	50.0285, -11.6333, 2.5754

# Details

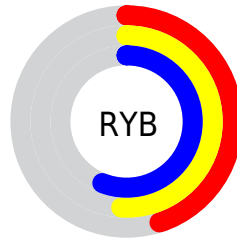
The Hex color **728F89** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8F7278**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **A6C5BE**, and **415D57** is the 20% darker color. If you saturate the color by 10%, you get **648F86**, and if you desaturate by 10%, it is **808F8C**.

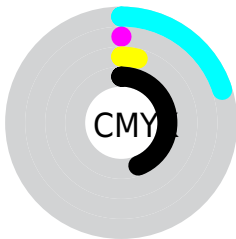
# Distribution



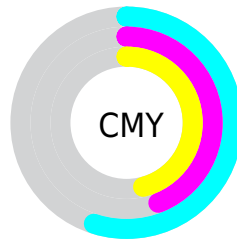
- Red (45%)
- Green (56%)
- Blue (54%)



- Red (45%)
- Yellow (51%)
- Blue (56%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (44%)



- Cyan (55%)
- Magenta (44%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 728F89 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 728F89 by changing the saturation by 10% instead.



 728F89

 728F89

FFFFFF

 597570

 A6C5BE

 415D57

 C2E1DA

 2A4540

 DEFDF7

 142F2A

 FAFFFF

 001A16

 000000

 728F89

 728F89

 648F86

 808F8C

 558F83

 8F8F8F

■ 478F80

■ 9D8F92

■ 398F7D

■ AB8F95

■ 2B8F7A

■ BA8F98

■ 1C8F77

■ C88F9B

■ 0E8F74

■ D68F9E

■ 008F71

■ E48FA1

■ F38FA4

# Harmonies

## Analogous

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



7A8E7F



728F89



6F8F93

# Triad

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



728F89



8B869A



9A8578

# Complementary

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



728F89



8F7278

# 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.



9E837F



728F89



978493

# Square

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



728F89



7F8A9D



9D8289



918875

# Rectangle

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



728F89



728E98



9D8289



9C847A



# Sweetspot

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



728F89



AFBAB8



788F72



585E5D



DEDEDE



5E5E5E



# Same Dimension

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



728F89



8DBAB1



72878F



404746



00876B



000806



# Inverse Universe

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



8F7278



BA8D97



8F7A72



474042



87001C



080002



# Previews

## White Background



This preview shows how the Hex color 728F89 looks on a white background.

## Color Contrast Check

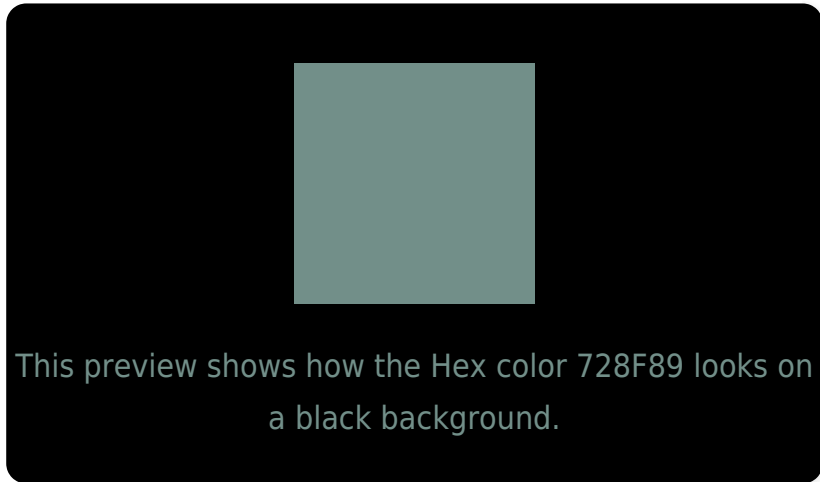
Large Text (above 18pt) WCAG AA ✓ Pass

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

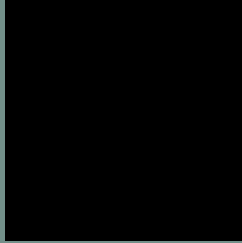
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

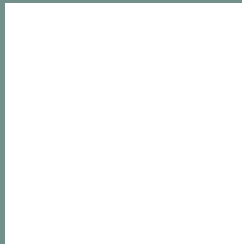
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 728F89 Background



This preview shows how black text looks on a background with the Hex color 728F89.

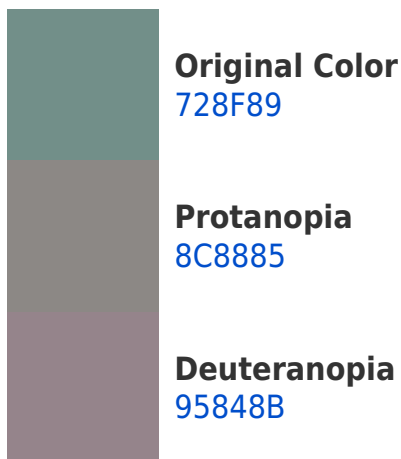


This preview shows how white text looks on a background with the Hex color 728F89.

# 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](#).

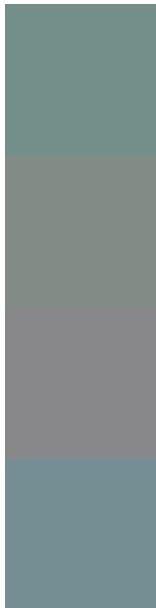
## Dichromacy





**Tritanopia**  
758D98

# Trichromacy



**Original Color**  
728F89

**Protanomaly**  
838B86

**Deuteranomaly**  
88888A

**Tritanomaly**  
748E93

# Monochromacy



**Original Color**  
728F89

**Achromatopsia**  
868686

**Achromatomaly**  
7F8987

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 728F89 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 #728F89 looks like.

```
.text, #text, p{  
    color:#728F89  
}
```

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 #728F89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #728F89
}
```

## Border

The CSS property to change the border of an element to Hex 728F89 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
#728F89 }
```

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

```
.border{ border-color:#728F89 }
```

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

Here you see how a box with a 4 pixel #728F89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #728F89; -webkit-box-shadow:4px 4px  
4px 4px #728F89; box-shadow:4px 4px 4px  
4px #728F89 }
```

# Background

The CSS property to change the background color of an element to Hex 728F89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#728F89 }
```

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

```
.background{ background-color:#728F89 }
```

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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