

# Converting Colors

Hex(728B84)

Have a look what the booklet for  
Hex(728B84) contains.

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**Color**

**Hex(728B84)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	728B84
RGB	114, 139, 132
RGB Percent	45%, 55%, 52%
CMY	0.5529, 0.4549, 0.4824
CMYK	0.18, 0.00, 0.05, 0.45
HSL	163°, 10%, 50%
HSV	163°, 18%, 55%
XYZ	20.3369, 23.7086, 25.3341
YIQ	130.7270, -12.6530, -7.4770

# Conversions

## Conversions Part 2

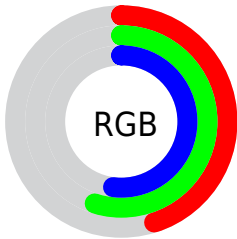
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 129, 139
Decimal	7506820
CIELab	55.79, -10.40, 0.77
CIELCh	56, 10.433, 175.752
Yxy	23.7086, 0.2931, 0.3417
Android (android.graphics.Color)	4285696900 (0xFF728B84)
YUV	130.7270, 0.6276, -14.6696
Hunter-Lab	48.6915, -10.6562, 3.2355

# Details

The Hex color **728B84** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8B7279**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A6C1B9**, and **425953** is the 20% darker color. If you saturate the color by 10%, you get **648B80**, and if you desaturate by 10%, it is **808B88**.

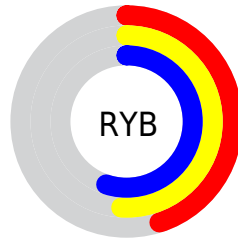
# Distribution



Red (45%)

Green (55%)

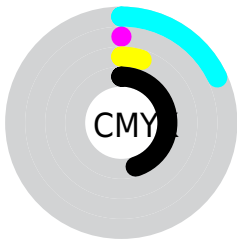
Blue (52%)



Red (45%)

Yellow (51%)

Blue (55%)

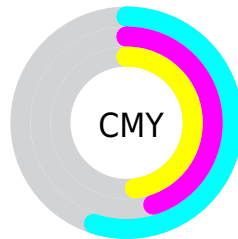


Cyan (18%)

Magenta (0%)

Yellow (5%)

Black (45%)



Cyan (55%)

Magenta (45%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 728B84 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 728B84 by changing the saturation by 10% instead.





728B84



728B84

FFFFFF



59726B



A6C1B9



425953



C1DCD5



2B423C



DDF9F1



152B26



FAFFFF



001811



000000



728B84



728B84



648B80



808B88



568B7C



8E8B8C

■ 488B78

■ 9C8B90

■ 3A8B74

■ AA8B94

■ 2D8B71

■ B78B97

■ 1F8B6D

■ C58B9B

■ 118B69

■ D38B9F

■ 038B65

■ E18BA3

■ 008B64

■ EF8BA7

# Harmonies

## Analogous

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



7A8A7B



728B84



6F8B8D

# Triad

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



728B84



868496



968277

# Complementary

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



728B84



8B7279

# 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.



99807E



728B84



908190

# Square

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



728B84



7B8797



978087



8E8574

# Rectangle

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



728B84



708A92



978087



988179



# Sweetspot

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



728B84



ACB5B3



798B72



565C5A



DBDBDB



5C5C5C



# Same Dimension

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



728B84



8DB5AA



72868B



3E4543



00855F



000504



# Inverse Universe

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



8B7279



B58D98



8B7772



453E40



850025



050001



# Previews

## White Background



This preview shows how the Hex color 728B84 looks on a white background.

## Color Contrast Check

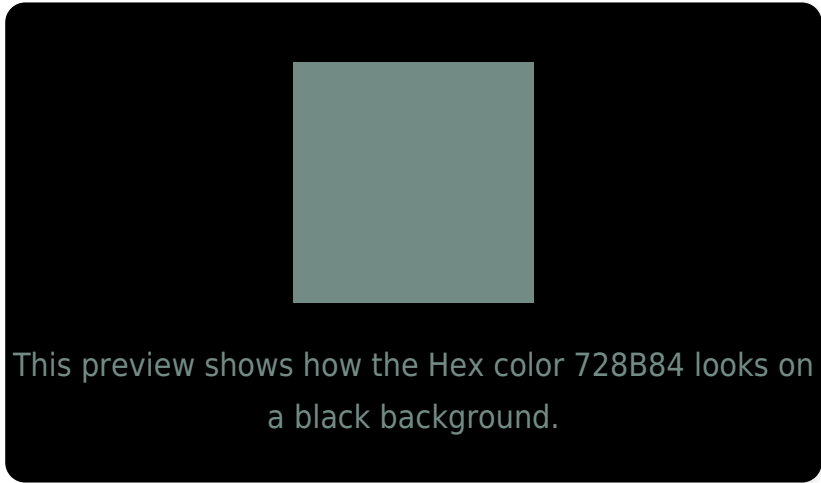
Large Text (above 18pt) WCAG AA ✓ Pass

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

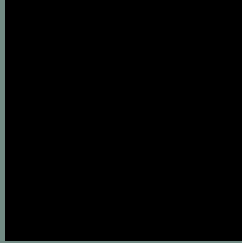
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

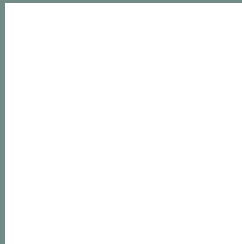
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 728B84 Background



This preview shows how black text looks on a background with the Hex color 728B84.

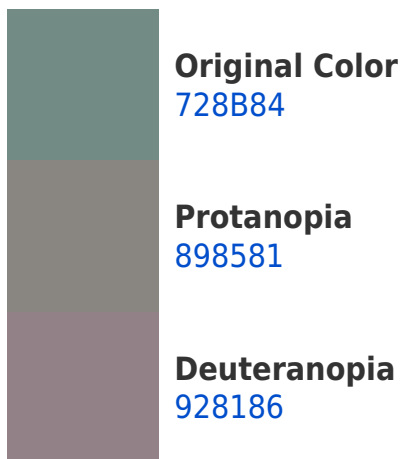


This preview shows how white text looks on a background with the Hex color 728B84.

# 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**  
758994

# Trichromacy



**Original Color**  
728B84

**Protanomaly**  
818782

**Deuteranomaly**  
868585

**Tritanomaly**  
748A8E

# Monochromacy



**Original Color**  
728B84

**Achromatopsia**  
838383

**Achromatomaly**  
7D8683

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 728B84 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 #728B84 looks like.

```
.text, #text, p{  
    color:#728B84  
}
```

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 #728B84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #728B84
}
```

## Border

The CSS property to change the border of an element to Hex 728B84 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
#728B84 }
```

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

```
.border{ border-color:#728B84 }
```

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

Here you see how a box with a 4 pixel #728B84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #728B84; -webkit-box-shadow:4px 4px  
4px 4px #728B84; box-shadow:4px 4px 4px  
4px #728B84 }
```

# Background

The CSS property to change the background color of an element to Hex 728B84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#728B84 }
```

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

```
.background{ background-color:#728B84 }
```

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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