

# Converting Colors

Hex(728F6B)

Have a look what the booklet for  
Hex(728F6B) contains.

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**Color**

**Hex(728F6B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	728F6B
RGB	114, 143, 107
RGB Percent	45%, 56%, 42%
CMY	0.5529, 0.4392, 0.5804
CMYK	0.20, 0.00, 0.25, 0.44
HSL	108°, 14%, 49%
HSV	108°, 25%, 56%
XYZ	19.4157, 24.2839, 17.5739
YIQ	130.2250, -5.7280, -17.3440

# Conversions

## Conversions Part 2

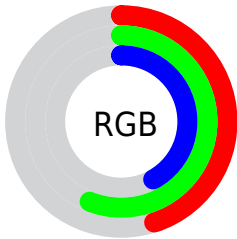
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 143, 136
Decimal	7507819
CIELab	56.37, -17.47, 15.88
CIELCh	56, 23.614, 137.726
Yxy	24.2839, 0.3169, 0.3963
Android (android.graphics.Color)	4285697899 (0xFF728F6B)
YUV	130.2250, -11.4499, -14.2293
Hunter-Lab	49.2787, -15.9089, 13.3509

# Details

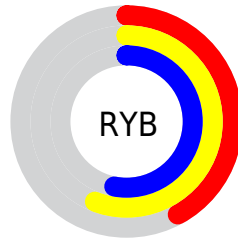
The Hex color **728F6B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **886B8F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A6C59F**, and **415D3B** is the 20% darker color. If you saturate the color by 10%, you get **668F5D**, and if you desaturate by 10%, it is **7E8F79**.

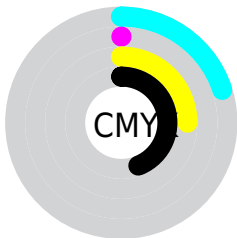
# Distribution



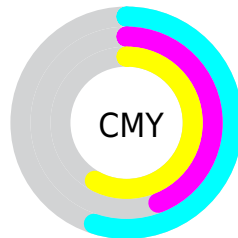
- Red (45%)
- Green (56%)
- Blue (42%)



- Red (42%)
- Yellow (56%)
- Blue (53%)



- Cyan (20%)
- Magenta (0%)
- Yellow (25%)
- Black (44%)



- Cyan (55%)
- Magenta (44%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 728F6B 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 728F6B by changing the saturation by 10% instead.



 728F6B

 728F6B

FFFFFF

 597553

 A6C59F

 415D3B

 C2E1BA

 2A4525

 DEFED5

 142E11

 FAFFF2

 001B00

 000000

 728F6B

 728F6B

 668F5D

 7E8F79

 5B8F4E

 898F88

■ 4F8F40

■ 958F96

■ 448F32

■ A08FA4

■ 388F23

■ AC8FB3

■ 2D8F15

■ B78FC1

■ 218F07

■ C38FCF

■ 1C8F00

■ CE8FDD

■ DA8FEC

# Harmonies

## Analogous

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



898A60



728F6B



5B927E

# Triad

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



728F6B



618CAF



B1787C

# Complementary

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



728F6B



886B8F

# 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.



AB7990



728F6B



7F85AE

# Square

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



728F6B



4B90A5



997EA3



AC7C6A

# Rectangle

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



728F6B



4E938C



997EA3



B07883



# Sweetspot

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



728F6B



AEBAAB



8F886B



575E55



DEDEDE



5E5E5E



# Same Dimension

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



728F6B



8DBA82



6B8F76



424740



1A8700



010800



# Inverse Universe

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



886B8F



AF82BA



8F6B84



464047



6D0087



060008



# Previews

## White Background



This preview shows how the Hex color 728F6B looks on a white background.

## Color Contrast Check

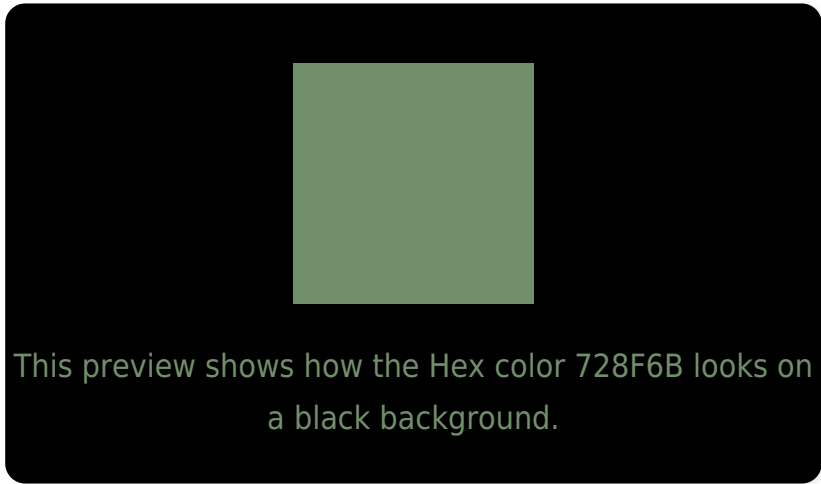
Large Text (above 18pt) WCAG AA ✓ Pass

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

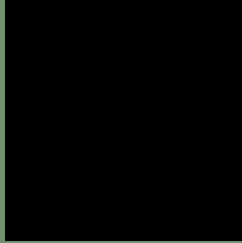
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 728F6B Background



This preview shows how black text looks on a background with the Hex color 728F6B.



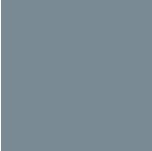
This preview shows how white text looks on a background with the Hex color 728F6B.

# 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**  
798A94

# Trichromacy



**Original Color**  
728F6B

**Protanomaly**  
858A68

**Deuteranomaly**  
8D876D

**Tritanomaly**  
768C85

# Monochromacy



**Original Color**  
728F6B

**Achromatopsia**  
828282

**Achromatomaly**  
7C877A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 728F6B 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 #728F6B looks like.

```
.text, #text, p{  
    color:#728F6B  
}
```

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 #728F6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #728F6B
}
```

## Border

The CSS property to change the border of an element to Hex 728F6B 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
#728F6B }
```

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

```
.border{ border-color:#728F6B }
```

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

Here you see how a box with a 4 pixel #728F6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #728F6B; -webkit-box-shadow:4px 4px  
4px 4px #728F6B; box-shadow:4px 4px 4px  
4px #728F6B }
```

# Background

The CSS property to change the background color of an element to Hex 728F6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#728F6B }
```

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

```
.background{ background-color:#728F6B }
```

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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