

# Converting Colors

Hex(728667)

Have a look what the booklet for  
Hex(728667) contains.

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# Color

Hex(728667)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	728667
RGB	114, 134, 103
RGB Percent	45%, 53%, 40%
CMY	0.5529, 0.4745, 0.5961
CMYK	0.15, 0.00, 0.23, 0.47
HSL	99°, 13%, 46%
HSV	99°, 23%, 53%
XYZ	17.9127, 21.6069, 16.0584
YIQ	124.4860, -1.9690, -13.8810

# Conversions

## Conversions Part 2

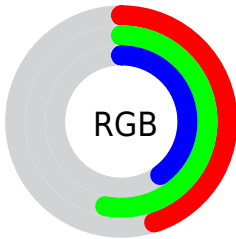
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 134, 123
Decimal	7505511
CIELab	53.61, -13.36, 14.34
CIELCh	54, 19.606, 132.975
Yxy	21.6069, 0.3223, 0.3888
Android (android.graphics.Color)	4285695591 (0xFF728667)
YUV	124.4860, -10.5926, -9.1962
Hunter-Lab	46.4832, -12.5590, 12.0555

# Details

The Hex color **728667** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7B6786**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **A6BB9A**, and **425438** is the 20% darker color. If you saturate the color by 10%, you get **69865A**, and if you desaturate by 10%, it is **7B8674**.

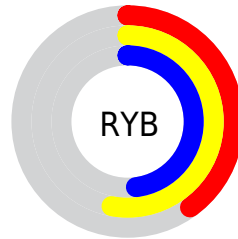
# Distribution



Red (45%)

Green (53%)

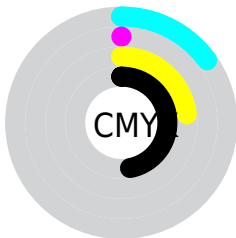
Blue (40%)



Red (40%)

Yellow (53%)

Blue (48%)

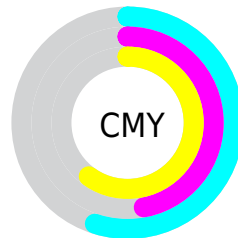


Cyan (15%)

Magenta (0%)

Yellow (23%)

Black (47%)



Cyan (55%)

Magenta (47%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 728667 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 728667 by changing the saturation by 10% instead.





728667



728667

FFFFFF



596D4F



A6BB9A



425438



C1D7B5



2B3D22



DDF3D1



16270D



FAFFED



001400



000000



728667



728667



69865A



7B8674



61864C



838682

■ 58863F

■ 8C868F

■ 4F8631

■ 95869D

■ 478624

■ 9D86AA

■ 3E8617

■ A686B7

■ 358609

■ AF86C5

■ 308600

■ B786D2

■ C086E0

# Harmonies

## Analogous

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



85815F



728667



5F8976

# Triad

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



728667



5F84A0



A37479

# Complementary

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



728667



7B6786

# 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.



9C758A



728667



767FA1

# Square

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



728667



518896



8C7999



A0776A

# Rectangle

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



728667



558A81



8C7999



A1747F



# Sweetspot

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



728667



A6ADA1



867B67



525750



D6D6D6



575757



# Same Dimension

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



728667



8EAD7D



67866B



3E423C



2E8200



010300



# Inverse Universe

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



7B6786



9C7DAD



866782



403C42



540082

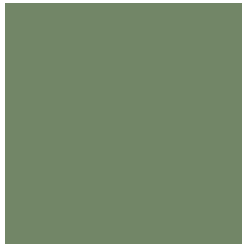


020003



# Previews

## White Background



This preview shows how the Hex color 728667 looks on a white background.

## Color Contrast Check

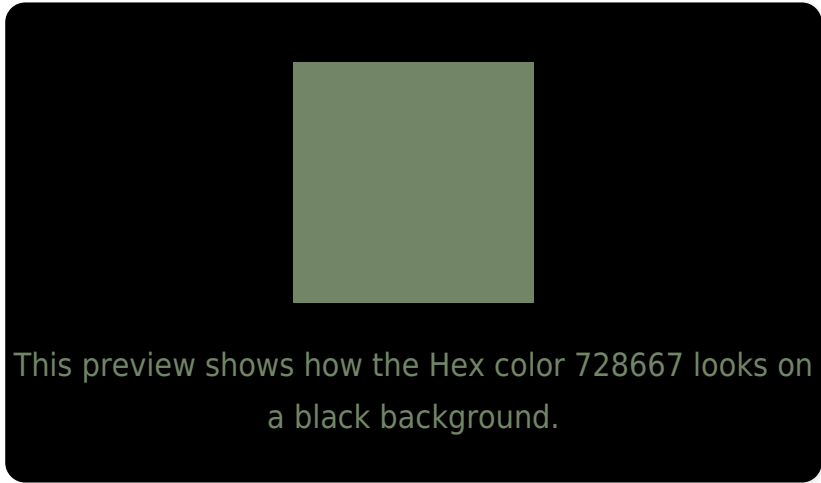
Large Text (above 18pt) WCAG AA ✓ Pass

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

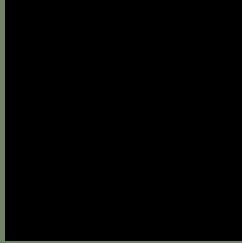
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

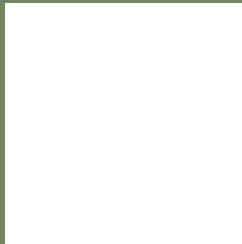
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 728667 Background



This preview shows how black text looks on a background with the Hex color 728667.

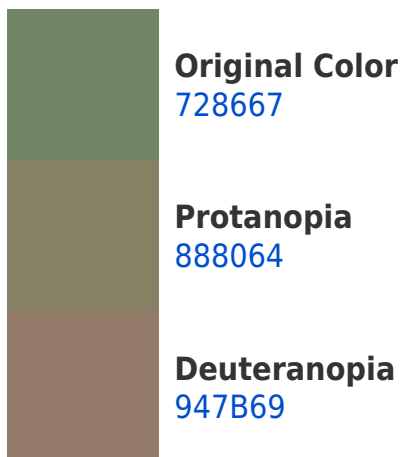


This preview shows how white text looks on a background with the Hex color 728667.

# 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**  
78818B

# Trichromacy



**Original Color**  
728667

**Protanomaly**  
808265

**Deuteranomaly**  
887F68

**Tritanomaly**  
76837E

# Monochromacy



**Original Color**  
728667

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
788074

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 728667 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 #728667 looks like.

```
.text, #text, p{  
    color:#728667  
}
```

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 #728667 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #728667
}
```

## Border

The CSS property to change the border of an element to Hex 728667 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
#728667 }
```

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

```
.border{ border-color:#728667 }
```

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

Here you see how a box with a 4 pixel #728667 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #728667; -webkit-box-shadow:4px 4px  
4px 4px #728667; box-shadow:4px 4px 4px  
4px #728667 }
```

# Background

The CSS property to change the background color of an element to Hex 728667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#728667 }
```

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

```
.background{ background-color:#728667 }
```

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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