

Converting Colors

Hex(728E67)

Have a look what the booklet for
Hex(728E67) contains.

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Color

Hex(728E67)

Conversions

Conversions Part 1

Format	Color
Hex	728E67
RGB	114, 142, 103
RGB Percent	45%, 56%, 40%
CMY	0.5529, 0.4431, 0.5961
CMYK	0.20, 0.00, 0.27, 0.44
HSL	103°, 16%, 48%
HSV	103°, 27%, 56%
XYZ	19.0606, 23.9027, 16.4410
YIQ	129.1820, -4.1690, -18.0650

Conversions

Conversions Part 2

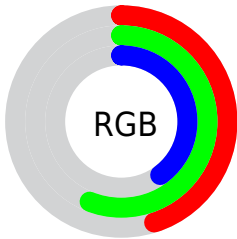
Format	Color
RYB	103, 142, 131
Decimal	7507559
CIELab	55.99, -17.64, 17.62
CIELCh	56, 24.932, 135.030
Yxy	23.9027, 0.3209, 0.4024
Android (android.graphics.Color)	4285697639 (0xFF728E67)
YUV	129.1820, -12.9077, -13.3146
Hunter-Lab	48.8904, -15.9674, 14.2850

Details

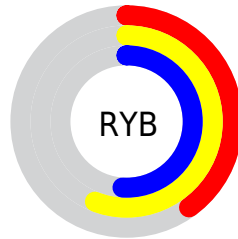
The Hex color **728E67** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **83678E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A6C49A**, and **415C38** is the 20% darker color. If you saturate the color by 10%, you get **688E59**, and if you desaturate by 10%, it is **7C8E75**.

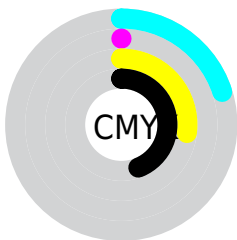
Distribution



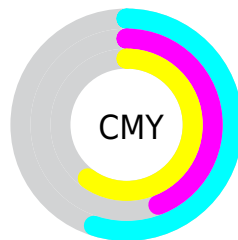
- Red (45%)
- Green (56%)
- Blue (40%)



- Red (40%)
- Yellow (56%)
- Blue (51%)



- Cyan (20%)
- Magenta (0%)
- Yellow (27%)
- Black (44%)



- Cyan (55%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 728E67 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 728E67 by changing the saturation by 10% instead.

 728E67

 728E67

FFFFFF

 59744F

 A6C49A

 415C38

 C2E0B5

 2A4422

 DEFCD1

 142E0C

 FAFED

 001A00

 000000

 728E67

 728E67

 688E59

 7C8E75

 5E8E4B

 868E83

■ 538E3C

■ 918E92

■ 498E2E

■ 9B8EA0

■ 3F8E20

■ A58EAE

■ 358E12

■ AF8EBC

■ 2B8E04

■ B98ECA

■ 288E00

■ C48ED9

■ CE8EE7

Harmonies

Analogous

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



8A885C



728E67



59917A

Triad

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



728E67



5A8BB0



B2767C

Complementary

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



728E67



83678E

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.



AA7792



728E67



7A84B0

Square

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



728E67



4490A4



977DA5



AD7A69

Rectangle

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



728E67



4A9289



977DA5



B17683

Sweetspot

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



728E67



ADB8A9



8E8367



555C53



DBDBDB



5C5C5C

Same Dimension

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



728E67



8CB87B



678E6F



424740



268700



020800

Inverse Universe

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



83678E



A77BB8



8E6786



454047



610087



050008

Previews

White Background



This preview shows how the Hex color 728E67 looks on a white background.

Color Contrast Check

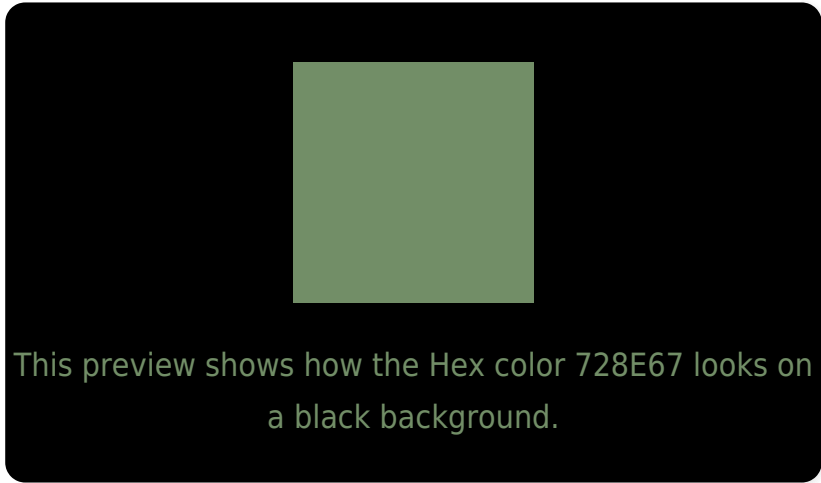
Large Text (above 18pt) WCAG AA ✓ Pass

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

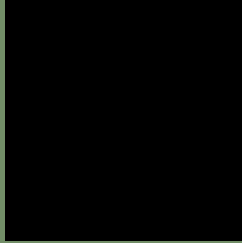
Any Text WCAG AA ✓ Pass

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 728E67 Background



This preview shows how black text looks on a background with the Hex color 728E67.



This preview shows how white text looks on a background with the Hex color 728E67.

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



Original Color
728E67

Protanopia
908663

Deuteranopia
9C816A

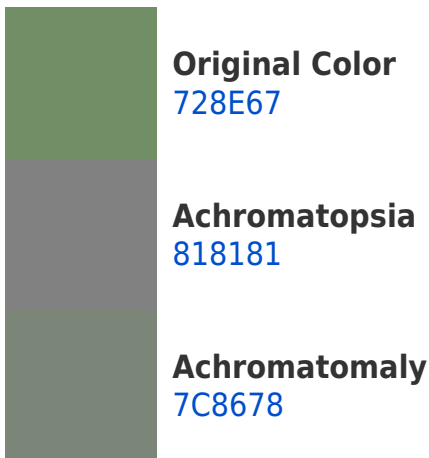


Tritanopia
798893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 728E67 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 #728E67 looks like.

```
.text, #text, p{  
    color:#728E67  
}
```

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 #728E67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #728E67
}
```

Border

The CSS property to change the border of an element to Hex 728E67 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
#728E67 }
```

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

```
.border{ border-color:#728E67 }
```

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

Here you see how a box with a 4 pixel #728E67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #728E67; -webkit-box-shadow:4px 4px  
4px 4px #728E67; box-shadow:4px 4px 4px  
4px #728E67 }
```

Background

The CSS property to change the background color of an element to Hex 728E67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#728E67 }
```

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

```
.background{ background-color:#728E67 }
```

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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