

# Converting Colors

Hex(728563)

Have a look what the booklet for  
Hex(728563) contains.

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**Color**

**Hex(728563)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 728563                      |
| RGB           | 114, 133, 99                |
| RGB Percent   | 45%, 52%, 39%               |
| CMY           | 0.5529, 0.4784, 0.6118      |
| CMYK          | 0.14, 0.00, 0.26, 0.48      |
| HSL           | 94°, 15%, 45%               |
| HSV           | 94°, 26%, 52%               |
| XYZ           | 17.5791, 21.2533, 14.9802   |
| YIQ           | 123.4430, -0.4100, -14.6020 |

# Conversions

## Conversions Part 2

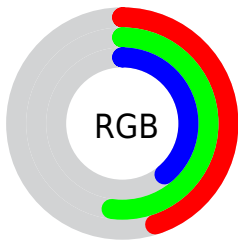
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 99, 133, 118                   |
| Decimal                             | 7505251                        |
| CIE <sub>Lab</sub>                  | 53.23, -13.51, 16.11           |
| CIE <sub>LCh</sub>                  | 53, 21.022, 129.990            |
| Yxy                                 | 21.2533, 0.3267,<br>0.3950     |
| Android<br>(android.graphics.Color) | 4285695331<br>(0xFF728563)     |
| YUV                                 | 123.4430, -12.0504,<br>-8.2815 |
| Hunter-Lab                          | 46.1013, -12.6127,<br>13.0052  |

# Details

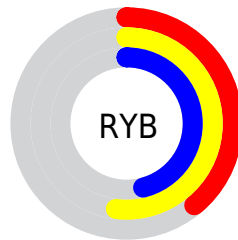
The Hex color **728563** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **766385**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A6BA96**, and **425334** is the 20% darker color. If you saturate the color by 10%, you get **6B8556**, and if you desaturate by 10%, it is **798570**.

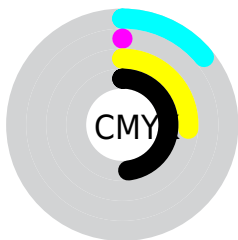
# Distribution



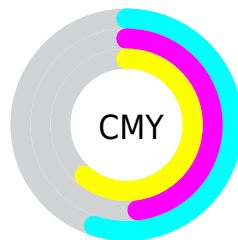
- Red (45%)
- Green (52%)
- Blue (39%)



- Red (39%)
- Yellow (52%)
- Blue (46%)



- Cyan (14%)
- Magenta (0%)
- Yellow (26%)
- Black (48%)



- Cyan (55%)
- Magenta (48%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 728563 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 728563 by changing the saturation by 10% instead.



 728563

 728563

FFFFFF

 596C4B

 A6BA96

 425334

 C1D6B1

 2B3C1F

 DDF2CC

 162608

 FAFFE8

 001300

 000000

 728563

 728563

 6B8556

 798570

 638548

 81857E

■ 5C853B

■ 88858B

■ 54852E

■ 908598

■ 4D8520

■ 9785A6

■ 458513

■ 9F85B3

■ 3E8506

■ A685C0

■ 3B8500

■ AD85CD

■ B585DB

# Harmonies

## Analogous

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



86805B



728563



5D8872

# Triad

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



728563



5984A1



A3727A

# Complementary

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



728563



766385

# 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.



9B738C



728563



717FA2

# Square

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



728563



4A8896



8A789B



A27469

# Rectangle

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



728563



52897E



8A789B



A27280



# Sweetspot

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



728563



A6ADA0



857663



52574E



D6D6D6



575757



# Same Dimension

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



728563



8FAD78



638565



3F423C



398200



010300



# Inverse Universe

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



766385



9678AD



856383



3F3C42



490082

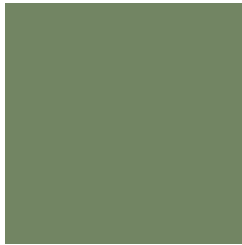


010003



# Previews

## White Background



This preview shows how the Hex color 728563 looks on a white background.

## Color Contrast Check

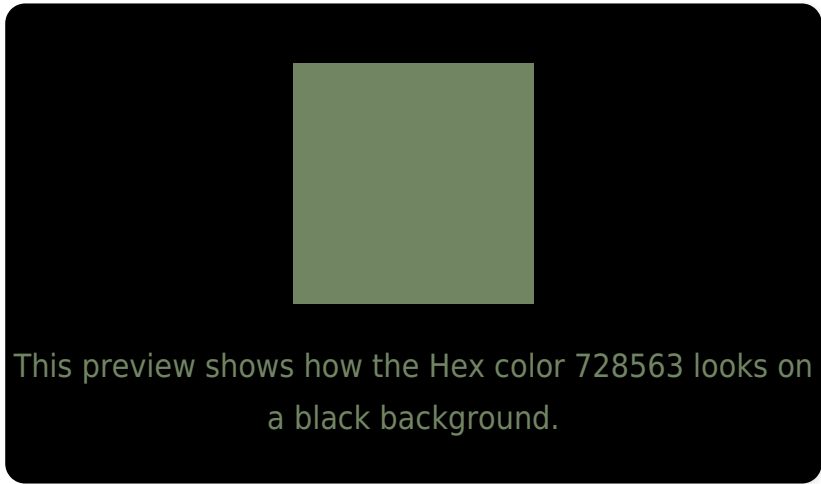
Large Text (above 18pt) WCAG AA ✓ Pass

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

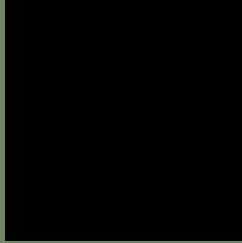
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 728563 Background



This preview shows how black text looks on a background with the Hex color 728563.

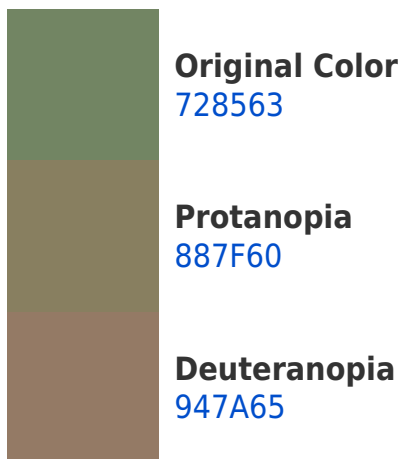


This preview shows how white text looks on a background with the Hex color 728563.

# 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



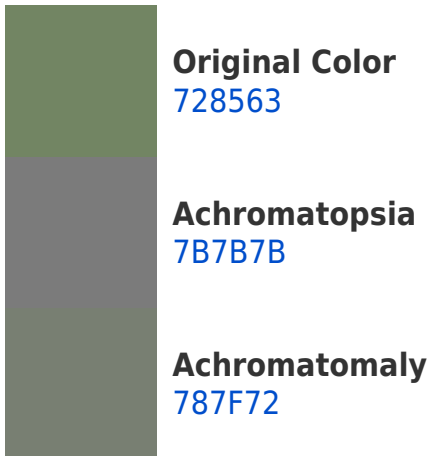


**Tritanopia**  
78808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 728563 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 #728563 looks like.

```
.text, #text, p{  
    color:#728563  
}
```

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 #728563 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #728563
}
```

## Border

The CSS property to change the border of an element to Hex 728563 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
#728563 }
```

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

```
.border{ border-color:#728563 }
```

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

Here you see how a box with a 4 pixel #728563 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #728563; -webkit-box-shadow:4px 4px  
4px 4px #728563; box-shadow:4px 4px 4px  
4px #728563 }
```

# Background

The CSS property to change the background color of an element to Hex 728563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#728563 }
```

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

```
.background{ background-color:#728563 }
```

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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