

# Converting Colors

Hex(828968)

Have a look what the booklet for  
Hex(828968) contains.

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**Color**

**Hex(828968)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	828968
RGB	130, 137, 104
RGB Percent	51%, 54%, 41%
CMY	0.4902, 0.4627, 0.5922
CMYK	0.05, 0.00, 0.24, 0.46
HSL	73°, 14%, 47%
HSV	73°, 24%, 54%
XYZ	20.6503, 23.6366, 16.5706
YIQ	131.1450, 6.4210, -11.7470

# Conversions

## Conversions Part 2

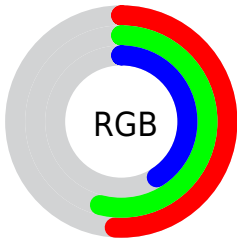
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 137, 111
Decimal	8554856
CIELab	55.72, -8.56, 16.88
CIElCh	56, 18.927, 116.900
Yxy	23.6366, 0.3393, 0.3884
Android (android.graphics.Color)	4286744936 (0xFF828968)
YUV	131.1450, -13.3825, -1.0042
Hunter-Lab	48.6175, -9.2628, 13.8240

# Details

The Hex color **828968** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6F6889**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B7BE9B**, and **505739** is the 20% darker color. If you saturate the color by 10%, you get **7F895A**, and if you desaturate by 10%, it is **858976**.

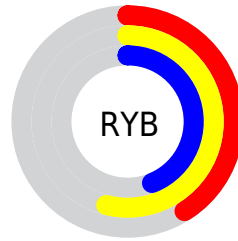
# Distribution



Red (51%)

Green (54%)

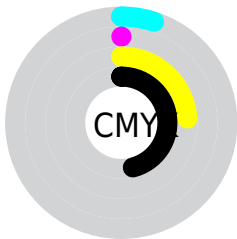
Blue (41%)



Red (41%)

Yellow (54%)

Blue (44%)

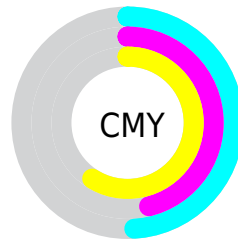


Cyan (5%)

Magenta (0%)

Yellow (24%)

Black (46%)



Cyan (49%)

Magenta (46%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 828968 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 828968 by changing the saturation by 10% instead.





828968



828968

FFFFFF



697050



B7BE9B



505739



D3DAB6



394023



EFF7D2



232A0E



FFFEE



0A1600



000000



828968



828968



7F895A



858976



7C894D



888983

■ 79893F

■ 8B8991

■ 768931

■ 8E899F

■ 738924

■ 9189AC

■ 718916

■ 9389BA

■ 6E8908

■ 9689C8

■ 6C8900

■ 9989D6

■ 9C89E3

# Harmonies

## Analogous

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



938465



828968



6F8D73

# Triad

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



828968



5D8CA0



A57A88

# Complementary

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



828968



6F6889

# 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.



997D98



828968



7087A6

# Square

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



828968



578E94



8682A3



A77B77

# Rectangle

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



828968



648E7E



8682A3



A27A8D



# Sweetspot

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



828968



B0B3A6



896F68



585952



D9D9D9



595959



# Same Dimension

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



828968



A8B37F



728968



43453E



688500



040500



# Inverse Universe

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



6F6889



8A7FB3



7F6889



3F3E45



1C0085



010005



# Previews

## White Background



This preview shows how the Hex color 828968 looks on a white background.

## Color Contrast Check

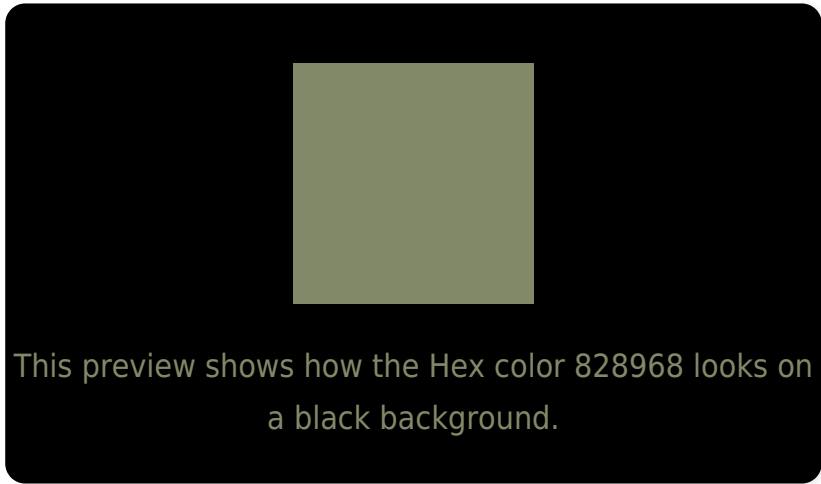
Large Text (above 18pt) WCAG AA ✓ Pass

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

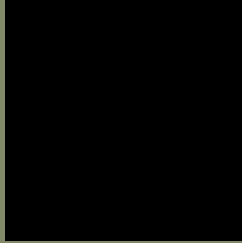
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

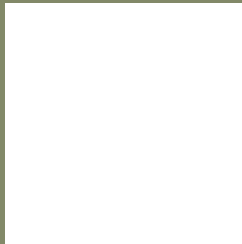
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 828968 Background



This preview shows how black text looks on a background with the Hex color 828968.



This preview shows how white text looks on a background with the Hex color 828968.

# 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**  
828968

**Protanopia**  
8E8566

**Deuteranopia**  
9C806A



**Tritanopia**  
87848E

# Trichromacy



**Original Color**  
828968

**Protanomaly**  
8A8667

**Deuteranomaly**  
938369

**Tritanomaly**  
858680

# Monochromacy



**Original Color**  
828968

**Achromatopsia**  
838383

**Achromatomaly**  
838579

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 828968 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 #828968 looks like.

```
.text, #text, p{  
    color:#828968  
}
```

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 #828968 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828968
}
```

## Border

The CSS property to change the border of an element to Hex 828968 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
#828968 }
```

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

```
.border{ border-color:#828968 }
```

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

Here you see how a box with a 4 pixel #828968 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828968; -webkit-box-shadow:4px 4px  
4px 4px #828968; box-shadow:4px 4px 4px  
4px #828968 }
```

# Background

The CSS property to change the background color of an element to Hex 828968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828968 }
```

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

```
.background{ background-color:#828968 }
```

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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