

# Converting Colors

Hex(828775)

Have a look what the booklet for  
Hex(828775) contains.

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# Color

Hex(828775)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	828775
RGB	130, 135, 117
RGB Percent	51%, 53%, 46%
CMY	0.4902, 0.4706, 0.5412
CMYK	0.04, 0.00, 0.13, 0.47
HSL	77°, 7%, 49%
HSV	77°, 13%, 53%
XYZ	21.0808, 23.3581, 20.2271
YIQ	131.4530, 2.7980, -6.6580

# Conversions

## Conversions Part 2

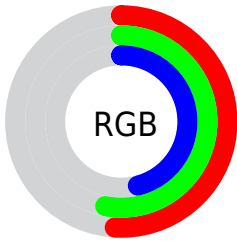
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 135, 122
Decimal	8554357
CIELab	55.44, -5.27, 9.05
CIElCh	55, 10.475, 120.203
Yxy	23.3581, 0.3260, 0.3612
Android (android.graphics.Color)	4286744437 (0xFF828775)
YUV	131.4530, -7.1253, -1.2743
Hunter-Lab	48.3302, -6.7195, 9.0172

# Details

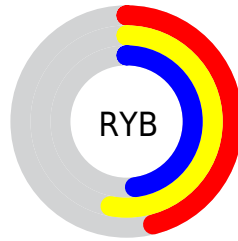
The Hex color **828775** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7A7587**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B7BCA9**, and **515545** is the 20% darker color. If you saturate the color by 10%, you get **7E8768**, and if you desaturate by 10%, it is **868783**.

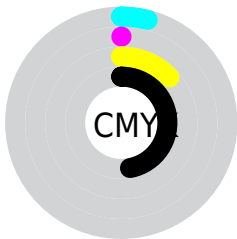
# Distribution



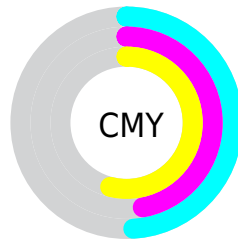
- Red (51%)
- Green (53%)
- Blue (46%)



- Red (46%)
- Yellow (53%)
- Blue (48%)



- Cyan (4%)
- Magenta (0%)
- Yellow (13%)
- Black (47%)



- Cyan (49%)
- Magenta (47%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 828775 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 828775 by changing the saturation by 10% instead.





828775



828775

FFFFFF



696E5C



B7BCA9



515545



D3D8C4



3A3E2E



EFF4E0



24281A

FFFFFFD



101400



000000



828775



828775



7E8768



868783



7A875A



8A8790

■ 77874D

■ 8D879D

■ 73873F

■ 9187AB

■ 6F8731

■ 9587B9

■ 6B8724

■ 9987C6

■ 688716

■ 9C87D3

■ 648709

■ A087E1

■ 618700

■ A487EF

# Harmonies

## Analogous

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



8C8473



828775



78897C

# Triad

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



828775



728894



977F85

# Complementary

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



828775



7A7587

# 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.



91808E



828775



7B8597

# Square

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



828775



6E8A8E



878294



987F7C

# Rectangle

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



828775



728A81



878294



967F88



# Sweetspot

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



828775



AEB0A9



877A75



585955



D9D9D9



595959



# Same Dimension

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



828775



A8B094



798775



40423C



5E8200



020300



# Inverse Universe

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



7A7587



9C94B0



837587



3E3C42



240082



010003



# Previews

## White Background



This preview shows how the Hex color 828775 looks on a white background.

## Color Contrast Check

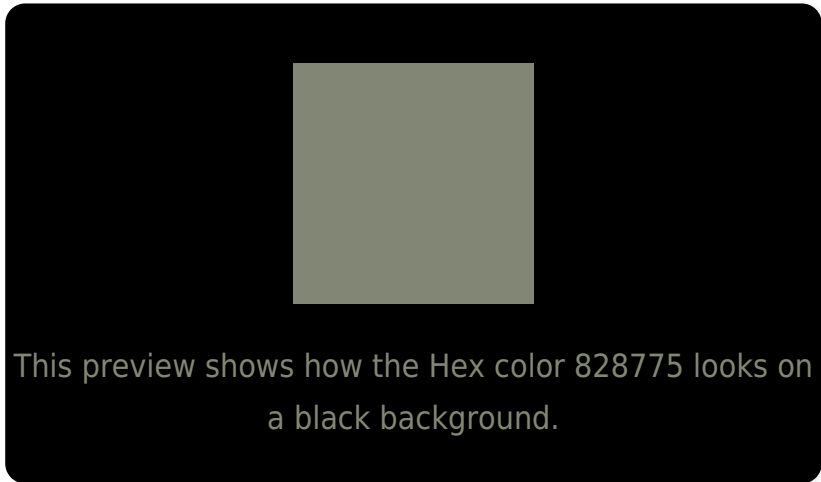
Large Text (above 18pt) WCAG AA ✓ Pass

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

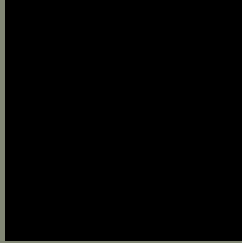
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

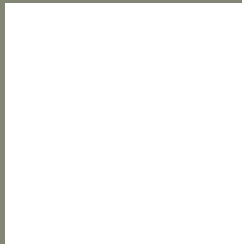
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 828775 Background



This preview shows how black text looks on a background with the Hex color 828775.



This preview shows how white text looks on a background with the Hex color 828775.

# 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**  
828775

**Protanopia**  
8B8474

**Deuteranopia**  
978076



**Tritanopia**  
86838E

# Trichromacy



**Original Color**  
828775

**Protanomaly**  
888574

**Deuteranomaly**  
8F8376

**Tritanomaly**  
858485

# Monochromacy



**Original Color**  
828775

**Achromatopsia**  
838383

**Achromatomaly**  
83847E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 828775 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 #828775 looks like.

```
.text, #text, p{  
    color:#828775  
}
```

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 #828775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828775  
}
```

## Border

The CSS property to change the border of an element to Hex 828775 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  
#828775 }
```

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

```
.border{ border-color:#828775 }
```

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

Here you see how a box with a 4 pixel #828775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828775; -webkit-box-shadow:4px 4px  
4px 4px #828775; box-shadow:4px 4px 4px  
4px #828775 }
```

# Background

The CSS property to change the background color of an element to Hex 828775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828775 }
```

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

```
.background{ background-color:#828775 }
```

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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