

# Converting Colors

Hex(828858)

Have a look what the booklet for  
Hex(828858) contains.

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**Color**

**Hex(828858)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	828858
RGB	130, 136, 88
RGB Percent	51%, 53%, 35%
CMY	0.4902, 0.4667, 0.6549
CMYK	0.04, 0.00, 0.35, 0.47
HSL	68°, 21%, 44%
HSV	68°, 35%, 53%
XYZ	19.7715, 23.0587, 12.6412
YIQ	128.7340, 11.8320, -16.2000

# Conversions

## Conversions Part 2

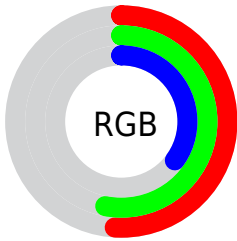
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 136, 94
Decimal	8554584
CIELab	55.13, -10.35, 25.07
CIELCh	55, 27.126, 112.426
Yxy	23.0587, 0.3564, 0.4157
Android (android.graphics.Color)	4286744664 (0xFF828858)
YUV	128.7340, -20.0819, 1.1103
Hunter-Lab	48.0195, -10.5386, 18.0054

# Details

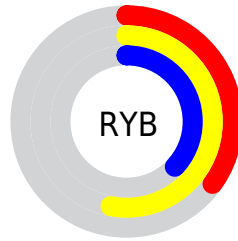
The Hex color **828858** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5E5888**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B8BD8A**, and **505629** is the 20% darker color. If you saturate the color by 10%, you get **80884A**, and if you desaturate by 10%, it is **848866**.

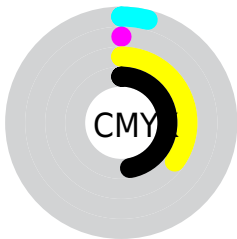
# Distribution



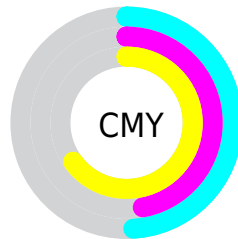
- Red (51%)
- Green (53%)
- Blue (35%)



- Red (35%)
- Yellow (53%)
- Blue (37%)



- Cyan (4%)
- Magenta (0%)
- Yellow (35%)
- Black (47%)



- Cyan (49%)
- Magenta (47%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 828858 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 828858 by changing the saturation by 10% instead.





828858



828858

FFFFFF



686F40



B8BD8A



505629



D3D9A5



383F13



F0F5C0



232900



FFFFDC



021600



FFFFF9



000000



828858



828858



80884A



848866



7F883D



858873

7D882F

878881

7B8822

89888E

7A8814

8B889C

788806

8C88AA

778800

8E88B7

9088C5

9188D2

# Harmonies

## Analogous

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



9A8055



828858



678E67

# Triad

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



828858



3B8EA8



AE738B

# Complementary

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



828858



5E5888

# 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.



9C78A1



828858



5B88B2

# Square

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



828858



359195



7F80AF



B37373

# Rectangle

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



828858



549075



7F80AF



A97493



# Sweetspot

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



828858



AEB09D



885E58



58594E



D9D9D9



595959



# Same Dimension

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



828858



A7B066



6A8858



44453E



748500



040500



# Inverse Universe

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



5E5888



6F66B0



765888



3F3E45



110085



010005



# Previews

## White Background



This preview shows how the Hex color 828858 looks on a white background.

## Color Contrast Check

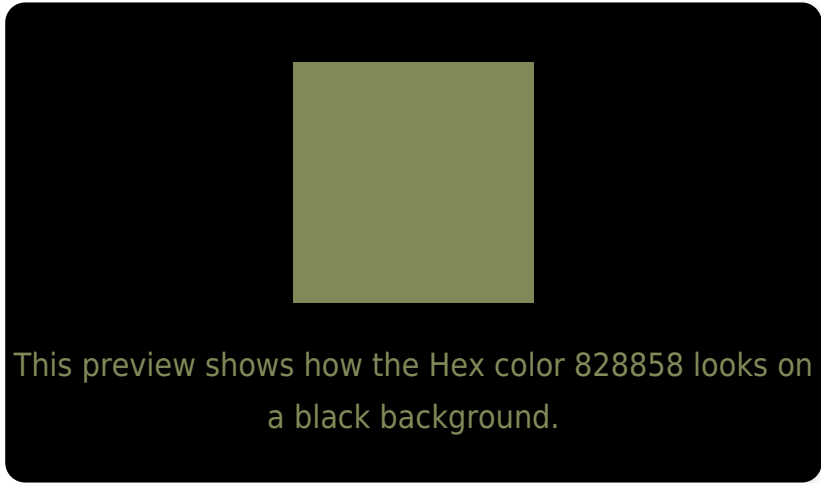
Large Text (above 18pt) WCAG AA ✓ Pass

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

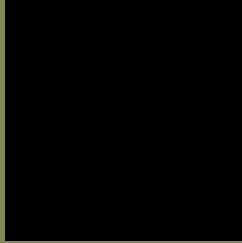
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 828858 Background



This preview shows how black text looks on a background with the Hex color 828858.



This preview shows how white text looks on a background with the Hex color 828858.

# 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**  
828858

**Protanopia**  
8F8456

**Deuteranopia**  
9E7E5A



**Tritanopia**  
88828C

# Trichromacy



**Original Color**  
828858

**Protanomaly**  
8A8557

**Deuteranomaly**  
948259

**Tritanomaly**  
868479

# Monochromacy



**Original Color**  
828858

**Achromatopsia**  
818181

**Achromatomaly**  
818472

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 828858 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 #828858 looks like.

```
.text, #text, p{  
    color:#828858  
}
```

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 #828858 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828858
}
```

## Border

The CSS property to change the border of an element to Hex 828858 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
#828858 }
```

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

```
.border{ border-color:#828858 }
```

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

Here you see how a box with a 4 pixel #828858 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828858; -webkit-box-shadow:4px 4px  
4px 4px #828858; box-shadow:4px 4px 4px  
4px #828858 }
```

# Background

The CSS property to change the background color of an element to Hex 828858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828858 }
```

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

```
.background{ background-color:#828858 }
```

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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