

# Converting Colors

Hex(827876)

Have a look what the booklet for  
Hex(827876) contains.

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# Color

**Hex(827876)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	827876
RGB	130, 120, 118
RGB Percent	51%, 47%, 46%
CMY	0.4902, 0.5294, 0.5373
CMYK	0.00, 0.08, 0.09, 0.49
HSL	10°, 5%, 49%
HSV	10°, 9%, 51%
XYZ	19.1924, 19.4868, 19.8893
YIQ	122.7620, 6.6020, 1.4980

# Conversions

## Conversions Part 2

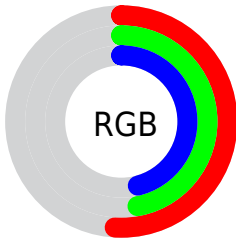
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 120, 118
Decimal	8550518
CIELab	51.25, 3.46, 2.47
CIELCh	51, 4.251, 35.561
Yxy	19.4868, 0.3277, 0.3327
Android (android.graphics.Color)	4286740598 (0xFF827876)
YUV	122.7620, -2.3477, 6.3477
Hunter-Lab	44.1438, 0.3547, 4.1871

# Details

The Hex color **827876** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **768082**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B7ACAA**, and **514846** is the 20% darker color. If you saturate the color by 10%, you get **826D69**, and if you desaturate by 10%, it is **828383**.

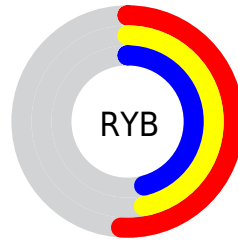
# Distribution



Red (51%)

Green (47%)

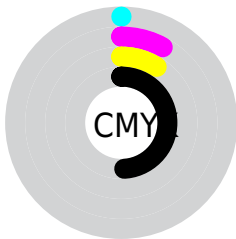
Blue (46%)



Red (51%)

Yellow (47%)

Blue (46%)

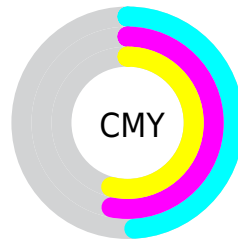


Cyan (0%)

Magenta (8%)

Yellow (9%)

Black (49%)



Cyan (49%)

Magenta (53%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 827876 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 827876 by changing the saturation by 10% instead.





827876



827876

FFFFFF



695F5D



B7ACAA



514846



D3C8C5



3A3130



EFE4E1



241C1B

FFFFFFE



0F0200



000000



827876



827876



826D69



828383



82625C



828E90

82574F

82999D

824D42

82A3AA

824235

82AEB7

823728

82B9C4

822C1B

82C4D1

82210E

82CFDE

821601

82DAEB

# Harmonies

## Analogous

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



82787A



827876



807974

# Triad

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



827876



747C77



777A81

# Complementary

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



827876



768082

# 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.



747B81



827876



727C7B

# Square

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



827876



787B74



727C7E



7C7980

# Rectangle

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



827876



7E7A73



727C7E



767B81



# Sweetspot

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



827876



A8A4A3



827680



545151



D4D4D4



545454



# Same Dimension

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



827876



A89996



827E76



403A39



801500



000000



# Inverse Universe

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



768082



96A5A8



767A82



393F40



006A80



000000



# Previews

## White Background



This preview shows how the Hex color 827876 looks on a white background.

## Color Contrast Check

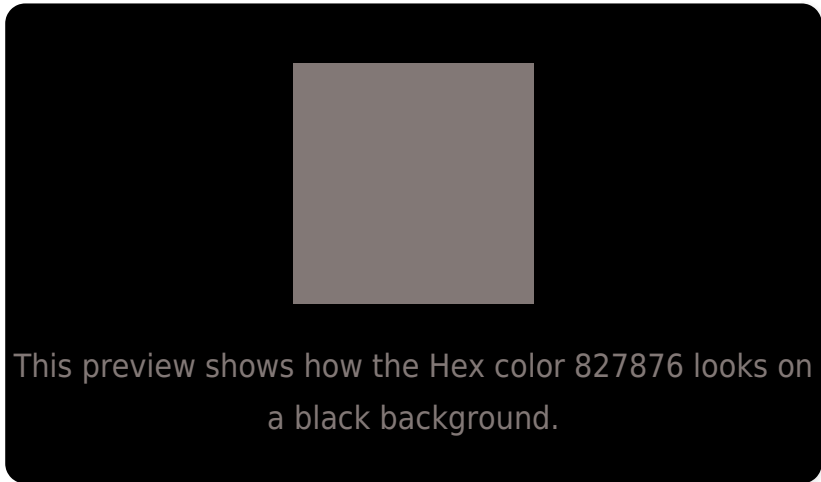
Large Text (above 18pt) WCAG AA ✓ Pass

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

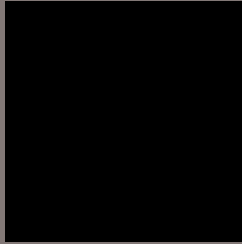
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 827876 Background



This preview shows how black text looks on a background with the Hex color 827876.



This preview shows how white text looks on a background with the Hex color 827876.

# 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**  
827876

**Protanopia**  
7D7A77

**Deuteranopia**  
877676



**Tritanopia**  
837680

# Trichromacy



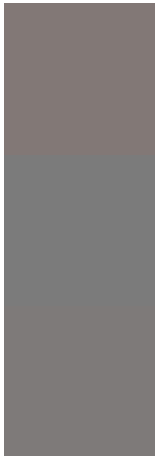
**Original Color**  
827876

**Protanomaly**  
7F7977

**Deuteranomaly**  
857776

**Tritanomaly**  
83777C

# Monochromacy



**Original Color**  
827876

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7E7A79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 827876 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 #827876 looks like.

```
.text, #text, p{  
    color:#827876  
}
```

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 #827876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827876
}
```

## Border

The CSS property to change the border of an element to Hex 827876 is called "border". The border property can be set on classes, ids or directly on the HTML element.

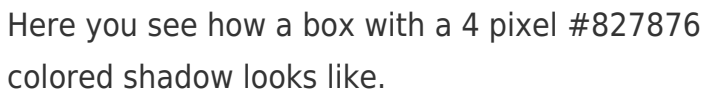
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#827876 }
```

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

```
.border{ border-color:#827876 }
```

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



Here you see how a box with a 4 pixel #827876 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827876; -webkit-box-shadow:4px 4px  
4px 4px #827876; box-shadow:4px 4px 4px  
4px #827876 }
```

# Background

The CSS property to change the background color of an element to Hex 827876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827876 }
```

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

```
.background{ background-color:#827876 }
```

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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