

# Converting Colors

Hex(827070)

Have a look what the booklet for  
Hex(827070) contains.

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**Color**

**Hex(827070)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	827070
RGB	130, 112, 112
RGB Percent	51%, 44%, 44%
CMY	0.4902, 0.5608, 0.5608
CMYK	0.00, 0.14, 0.14, 0.49
HSL	0°, 7%, 47%
HSV	0°, 14%, 51%
XYZ	17.9247, 17.5040, 17.7631
YIQ	117.3820, 10.7280, 3.8160

# Conversions

## Conversions Part 2

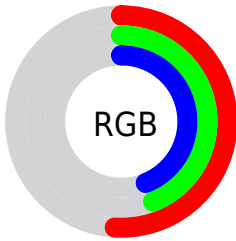
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 112, 112
Decimal	8548464
CIE Lab	48.89, 7.04, 2.60
CIE LCh	49, 7.501, 20.243
Yxy	17.5040, 0.3370, 0.3291
Android (android.graphics.Color)	4286738544 (0xFF827070)
YUV	117.3820, -2.6533, 11.0660
Hunter-Lab	41.8378, 3.2592, 4.1137

# Details

The Hex color **827070** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **708282**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **B7A4A4**, and **504040** is the 20% darker color. If you saturate the color by 10%, you get **826363**, and if you desaturate by 10%, it is **827D7D**.

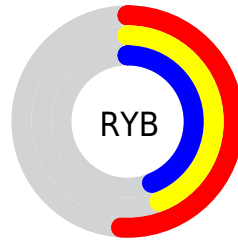
# Distribution



Red (51%)

Green (44%)

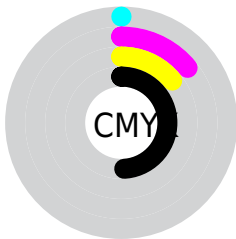
Blue (44%)



Red (51%)

Yellow (44%)

Blue (44%)

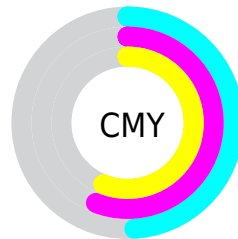


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (49%)



Cyan (49%)

Magenta (56%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 827070 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 827070 by changing the saturation by 10% instead.



827070

827070

FFFFFF

695858

B7A4A4

504040

D3BFBF

392A2A

EFDBDB

231616

FFF7F7

060000

000000

827070

827070

826363

827D7D

825656

828A8A

824949

829797

823C3C

82A4A4

822F2F

82B1B1

822222

82BEBE

821515

82CBCB

820808

82D8D8

820000

82E5E5

# Harmonies

## Analogous

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



807076



827070



80716B

# Triad

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



827070



6D776C



6B7580

# Complementary

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



827070



708282

# 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.



66777E



827070



677872

# Square

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



827070



757568



647878



737380

# Rectangle

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



827070



7D7268



647878



697680



# Sweetspot

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



827070



A8A2A2



827082



545050



D4D4D4



545454



# Same Dimension

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



827070



A88C8C



827970



403939



800000



000000



# Inverse Universe

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



708282



8CA8A8



707982



394040



008080



000000



# Previews

## White Background



This preview shows how the Hex color 827070 looks on a white background.

## Color Contrast Check

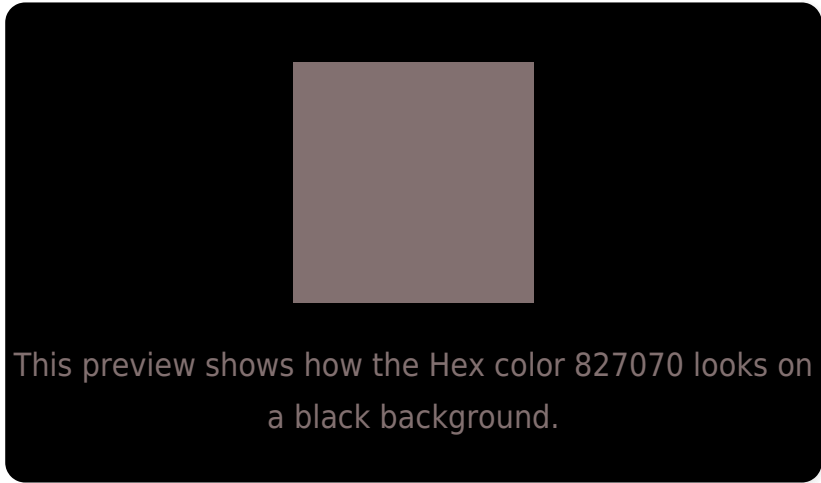
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

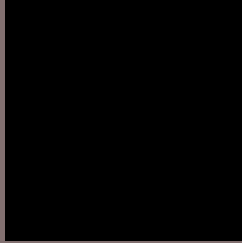
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 827070 Background



This preview shows how black text looks on a background with the Hex color 827070.



This preview shows how white text looks on a background with the Hex color 827070.

# 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**

827070

**Protanopia**

777472

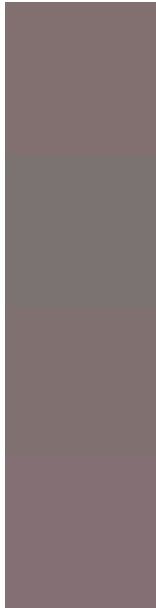
**Deuteranopia**

817070



**Tritanopia**  
836F77

# Trichromacy



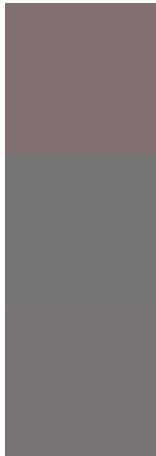
**Original Color**  
827070

**Protanomaly**  
7B7371

**Deuteranomaly**  
817070

**Tritanomaly**  
836F74

# Monochromacy



**Original Color**  
827070

**Achromatopsia**  
757575

**Achromatomaly**  
7A7373

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 827070 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 #827070 looks like.

```
.text, #text, p{  
    color:#827070  
}
```

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 #827070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827070
}
```

## Border

The CSS property to change the border of an element to Hex 827070 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".

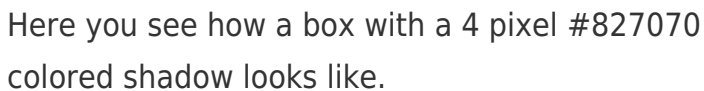
```
.border, #border, table{ border:4px solid
#827070 }
```

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

```
.border{ border-color:#827070 }
```

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

Here you see how a box with a 4 pixel #827070 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827070; -webkit-box-shadow:4px 4px  
4px 4px #827070; box-shadow:4px 4px 4px  
4px #827070 }
```

# Background

The CSS property to change the background color of an element to Hex 827070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827070 }
```

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

```
.background{ background-color:#827070 }
```

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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