

Converting Colors

Hex(827D76)

Have a look what the booklet for
Hex(827D76) contains.

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Color

Hex(827D76)

Conversions

Conversions Part 1

Format	Color
Hex	827D76
RGB	130, 125, 118
RGB Percent	51%, 49%, 46%
CMY	0.4902, 0.5098, 0.5373
CMYK	0.00, 0.04, 0.09, 0.49
HSL	35°, 5%, 49%
HSV	35°, 9%, 51%
XYZ	19.8096, 20.7211, 20.0950
YIQ	125.6970, 5.2270, -1.1170

Conversions

Conversions Part 2

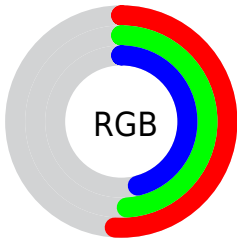
Format	Color
RYB	127, 130, 118
Decimal	8551798
CIELab	52.64, 0.57, 4.48
CIElCh	53, 4.517, 82.702
Yxy	20.7211, 0.3268, 0.3418
Android (android.graphics.Color)	4286741878 (0xFF827D76)
YUV	125.6970, -3.7946, 3.7737
Hunter-Lab	45.5204, -1.9811, 5.6906

Details

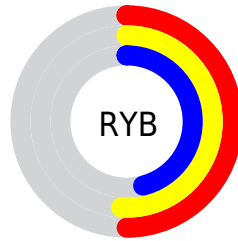
The Hex color **827D76** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **767B82**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B7B2AA**, and **514C46** is the 20% darker color. If you saturate the color by 10%, you get **827869**, and if you desaturate by 10%, it is **828283**.

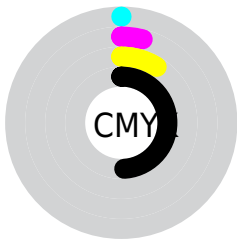
Distribution



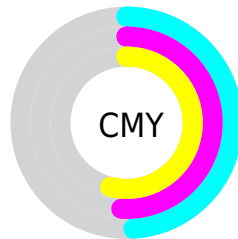
- Red (51%)
- Green (49%)
- Blue (46%)



- Red (50%)
- Yellow (51%)
- Blue (46%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (49%)



- Cyan (49%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 827D76 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 827D76 by changing the saturation by 10% instead.



827D76



827D76

FFFFFF



69645D



B7B2AA



514C46



D3CDC5



3A362F



EFE9E1



24201B

FFFFFFE



0F0900



000000



827D76



827D76



827869



828283



82725C



828890

826D4F

828D9D

826742

8293AA

826235

8298B7

825C28

829EC4

82571B

82A3D1

82520E

82A8DE

824C01

82AEEB

Harmonies

Analogous

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



857C78



827D76



7E7E76

Triad

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



827D76



748080



827C82

Complementary

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



827D76



767B82

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.



7D7D85



827D76



757F84

Square

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



827D76



76807C



797E85



857B7F

Rectangle

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



827D76



7B7F78



797E85



807C83

Sweetspot

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



827D76



A8A6A3



82767B



545351



D4D4D4



545454

Same Dimension

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



827D76



A8A196



818276



403D39



804A00



000000

Inverse Universe

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



767B82



969EA8



777682



393C40



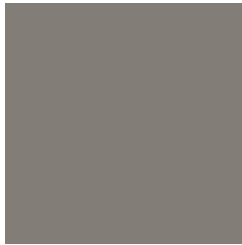
003580



000000

Previews

White Background



This preview shows how the Hex color 827D76 looks on a white background.

Color Contrast Check

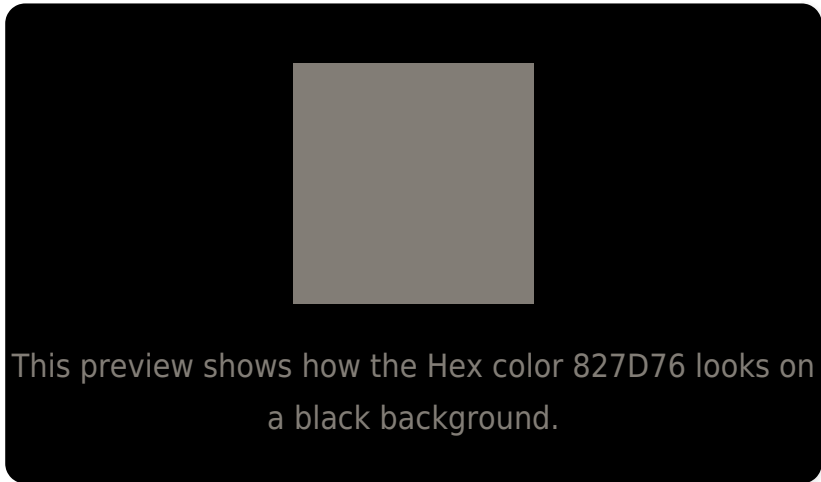
Large Text (above 18pt) WCAG AA ✓ Pass

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

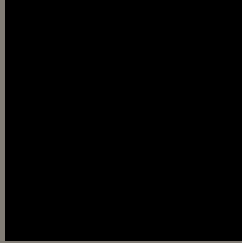
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

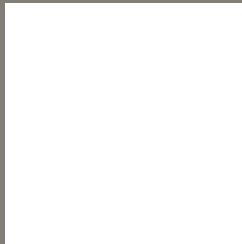
Any Text WCAG AAA × Fail

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

Hex 827D76 Background



This preview shows how black text looks on a background with the Hex color 827D76.



This preview shows how white text looks on a background with the Hex color 827D76.

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
827D76

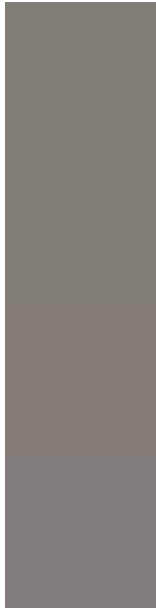
Protanopia
827D76

Deuteranopia
8C7977



Tritanopia
847B84

Trichromacy



Original Color
827D76

Protanomaly
827D76

Deuteranomaly
887A77

Tritanomaly
837C7F

Monochromacy



Original Color
827D76

Achromatopsia
7E7E7E

Achromatomaly
7F7E7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 827D76 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 #827D76 looks like.

```
.text, #text, p{  
    color:#827D76  
}
```

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 #827D76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827D76
}
```

Border

The CSS property to change the border of an element to Hex 827D76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

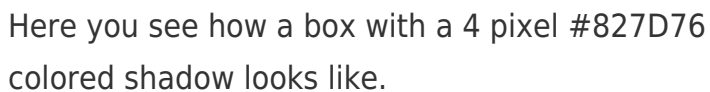
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#827D76 }
```

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

```
.border{ border-color:#827D76 }
```

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



Here you see how a box with a 4 pixel #827D76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827D76; -webkit-box-shadow:4px 4px  
4px 4px #827D76; box-shadow:4px 4px 4px  
4px #827D76 }
```

Background

The CSS property to change the background color of an element to Hex 827D76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827D76 }
```

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

```
.background{ background-color:#827D76 }
```

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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