

# Converting Colors

Hex(826A66)

Have a look what the booklet for  
Hex(826A66) contains.

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**Color**

**Hex(826A66)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	826A66
RGB	130, 106, 102
RGB Percent	51%, 42%, 40%
CMY	0.4902, 0.5843, 0.6000
CMYK	0.00, 0.18, 0.22, 0.49
HSL	9°, 12%, 45%
HSV	9°, 22%, 51%
XYZ	16.7582, 16.0132, 14.7780
YIQ	112.7200, 15.5880, 3.8440

# Conversions

## Conversions Part 2

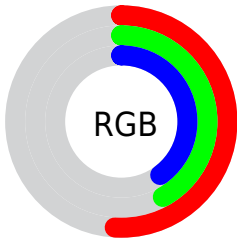
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 107, 102
Decimal	8546918
CIE <sub>Lab</sub>	46.99, 8.85, 5.83
CIE <sub>LCh</sub>	47, 10.599, 33.339
Yxy	16.0132, 0.3524, 0.3368
Android (android.graphics.Color)	4286736998 (0xFF826A66)
YUV	112.7200, -5.2850, 15.1546
Hunter-Lab	40.0165, 4.7239, 6.1159

# Details

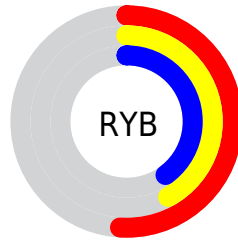
The Hex color **826A66** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **667E82**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B79D99**, and **503B37** is the 20% darker color. If you saturate the color by 10%, you get **825F59**, and if you desaturate by 10%, it is **827573**.

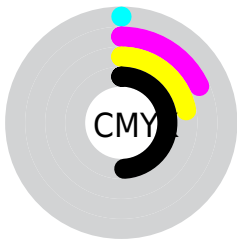
# Distribution



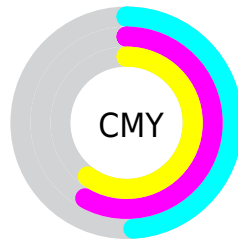
- Red (51%)
- Green (42%)
- Blue (40%)



- Red (51%)
- Yellow (42%)
- Blue (40%)



- Cyan (0%)
- Magenta (18%)
- Yellow (22%)
- Black (49%)



- Cyan (49%)
- Magenta (58%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 826A66 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 826A66 by changing the saturation by 10% instead.



 826A66

 826A66

FFFFFF

 69524E

 B79D99

 503B37

 D3B8B4

 392522

 F0D4CF

 23110C

 FFF0EB

 000000

 826A66

 826A66

 825F59

 827573

 82544C

 828080

 82493F

 828B8D

■ 823D32

■ 82979A

■ 823225

■ 82A2A7

■ 822718

■ 82ADB4

■ 821C0B

■ 82B8C1

■ 821300

■ 82C3CE

■ 82CEDB

# Harmonies

## Analogous

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



82696F



826A66



7E6C60

# Triad

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



826A66



627467



677081

# Complementary

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



826A66



667E82

# 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.



5D727F



826A66



5A7570

# Square

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



826A66



6C7260



587479



726D7E

# Rectangle

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



826A66



796E5E



587479



637181



# Sweetspot

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



826A66



A8A09E



82667E



544F4E



D4D4D4



545454



# Same Dimension

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



826A66



A8837D



827866



403A39



801200



000000



# Inverse Universe

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



667E82



7DA2A8



667082



393F40



006D80



000000



# Previews

## White Background



This preview shows how the Hex color 826A66 looks on a white background.

## Color Contrast Check

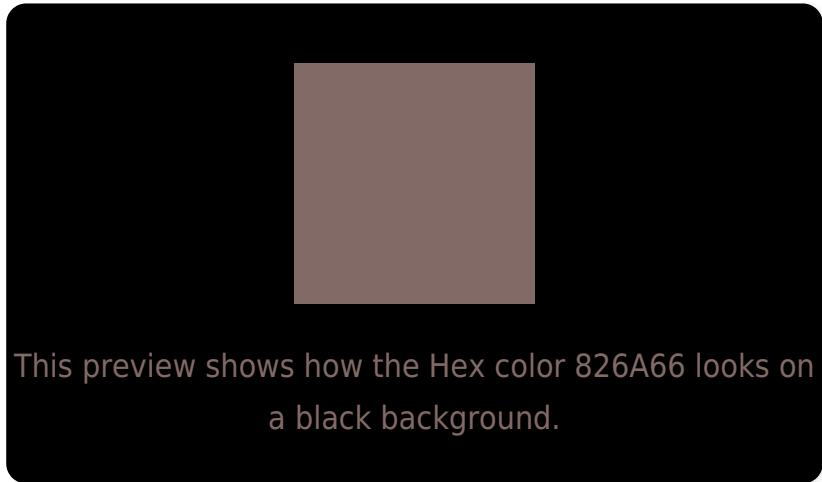
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 826A66 Background



This preview shows how black text looks on a background with the Hex color 826A66.

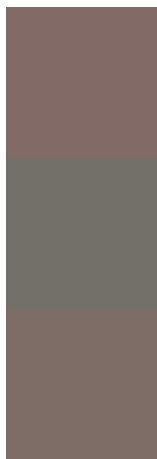


This preview shows how white text looks on a background with the Hex color 826A66.

# 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**  
826A66

**Protanopia**  
736F69

**Deuteranopia**  
7E6C66



**Tritanopia**  
836871

# Trichromacy



**Original Color**  
826A66

**Protanomaly**  
786D68

**Deuteranomaly**  
7F6B66

**Tritanomaly**  
83696D

# Monochromacy



**Original Color**  
826A66

**Achromatopsia**  
717171

**Achromatomaly**  
776E6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 826A66 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 #826A66 looks like.

```
.text, #text, p{  
    color:#826A66  
}
```

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 #826A66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #826A66
}
```

## Border

The CSS property to change the border of an element to Hex 826A66 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
#826A66 }
```

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

```
.border{ border-color:#826A66 }
```

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

Here you see how a box with a 4 pixel #826A66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #826A66; -webkit-box-shadow:4px 4px  
4px 4px #826A66; box-shadow:4px 4px 4px  
4px #826A66 }
```

# Background

The CSS property to change the background color of an element to Hex 826A66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#826A66 }
```

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

```
.background{ background-color:#826A66 }
```

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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