

# Converting Colors

Hex(826950)

Have a look what the booklet for  
Hex(826950) contains.

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**Color**

**Hex(826950)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	826950
RGB	130, 105, 80
RGB Percent	51%, 41%, 31%
CMY	0.4902, 0.5882, 0.6863
CMYK	0.00, 0.19, 0.38, 0.49
HSL	30°, 24%, 41%
HSV	30°, 38%, 51%
XYZ	15.7055, 15.4282, 9.7396
YIQ	109.6250, 22.9250, -2.4750

# Conversions

## Conversions Part 2

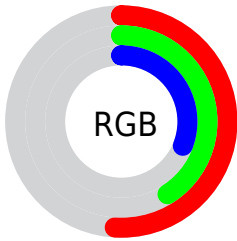
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 130, 80
Decimal	8546640
CIELab	46.22, 6.20, 17.82
CIELCh	46, 18.871, 70.807
Yxy	15.4282, 0.3842, 0.3775
Android (android.graphics.Color)	4286736720 (0xFF826950)
YUV	109.6250, -14.6051, 17.8689
Hunter-Lab	39.2787, 2.6349, 12.7935

# Details

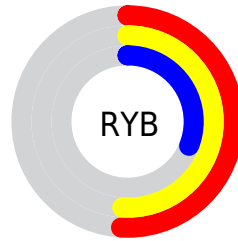
The Hex color **826950** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **506982**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B89C81**, and **4F3A23** is the 20% darker color. If you saturate the color by 10%, you get **826243**, and if you desaturate by 10%, it is **82705D**.

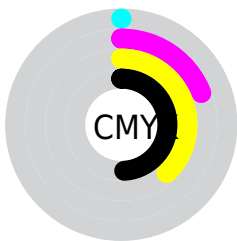
# Distribution



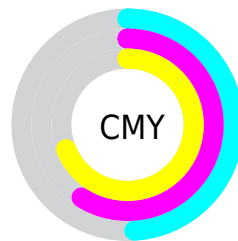
- Red (51%)
- Green (41%)
- Blue (31%)



- Red (51%)
- Yellow (51%)
- Blue (31%)



- Cyan (0%)
- Magenta (19%)
- Yellow (38%)
- Black (49%)



- Cyan (49%)
- Magenta (59%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 826950 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 826950 by changing the saturation by 10% instead.



 826950

 826950

FFFFFF

 685139


 B89C81

 4F3A23

 D4B79B

 37240E

 F1D3B6

 211000

 FFEFD2

 000000

 FFFFEE

 826950

 826950

 826243

 82705D

 825C36

 82766A

825629

827D77

824F1C

828384

82490F

828A91

824202

82909E

824100

8296AB

829DB8

82A3C5

# Harmonies

## Analogous

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



8B645A



826950



736E4E

# Triad

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



826950



427673



776785

# Complementary

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



826950



506982

# 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.



626D8C



826950



3F7582

# Square

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



826950



507663



4C728B



866378

# Rectangle

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



826950



687152



4C728B



706989



# Sweetspot

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



826950



A89E94



825069



544E48



D4D4D4



545454



# Same Dimension

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



826950



A8825B



828250



403D39



804000



000000



# Inverse Universe

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



506982



5B82A8



505082



393D40



004080

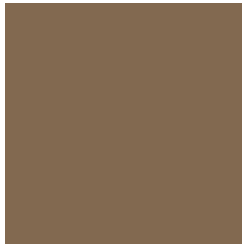


000000



# Previews

## White Background



This preview shows how the Hex color 826950 looks on a white background.

## Color Contrast Check

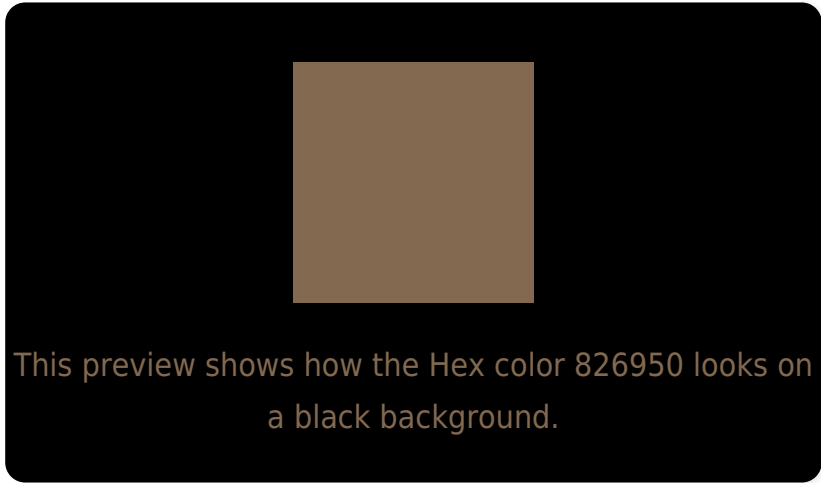
Large Text (above 18pt) WCAG AA ✓ Pass

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

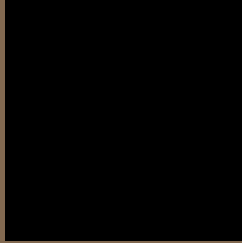
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 826950 Background



This preview shows how black text looks on a background with the Hex color 826950.



This preview shows how white text looks on a background with the Hex color 826950.

# 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**  
826950

**Protanopia**  
756E52

**Deuteranopia**  
826950



**Tritanopia**  
85656D

# Trichromacy



**Original Color**  
826950

**Protanomaly**  
7A6C51

**Deuteranomaly**  
826950

**Tritanomaly**  
846662

# Monochromacy



**Original Color**  
826950

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
756C63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 826950 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 #826950 looks like.

```
.text, #text, p{  
    color:#826950  
}
```

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 #826950 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #826950
}
```

## Border

The CSS property to change the border of an element to Hex 826950 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
#826950 }
```

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

```
.border{ border-color:#826950 }
```

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

Here you see how a box with a 4 pixel #826950 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #826950; -webkit-box-shadow:4px 4px  
4px 4px #826950; box-shadow:4px 4px 4px  
4px #826950 }
```

# Background

The CSS property to change the background color of an element to Hex 826950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#826950 }
```

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

```
.background{ background-color:#826950 }
```

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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