

# Converting Colors

Hex(826366)

Have a look what the booklet for  
Hex(826366) contains.

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**Color**

**Hex(826366)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	826366
RGB	130, 99, 102
RGB Percent	51%, 39%, 40%
CMY	0.4902, 0.6118, 0.6000
CMYK	0.00, 0.24, 0.22, 0.49
HSL	354°, 14%, 45%
HSV	354°, 24%, 51%
XYZ	16.0660, 14.6288, 14.5472
YIQ	108.6110, 17.5130, 7.5050

# Conversions

## Conversions Part 2

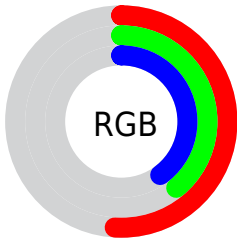
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 99, 102
Decimal	8545126
CIE <sub>Lab</sub>	45.12, 13.00, 3.14
CIE <sub>LCh</sub>	45, 13.375, 13.570
Yxy	14.6288, 0.3551, 0.3233
Android (android.graphics.Color)	4286735206 (0xFF826366)
YUV	108.6110, -3.2592, 18.7582
Hunter-Lab	38.2476, 8.0461, 4.2228

# Details

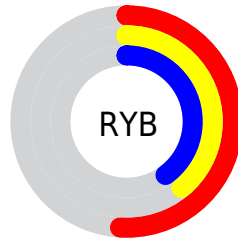
The Hex color **826366** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **63827F**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **B79699**, and **503437** is the 20% darker color. If you saturate the color by 10%, you get **82565A**, and if you desaturate by 10%, it is **827072**.

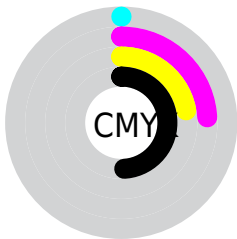
# Distribution



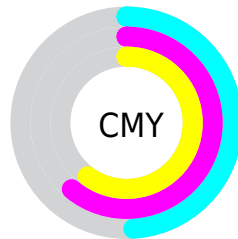
- Red (51%)
- Green (39%)
- Blue (40%)



- Red (51%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (24%)
- Yellow (22%)
- Black (49%)



- Cyan (49%)
- Magenta (61%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 826366 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 826366 by changing the saturation by 10% instead.



 826366

 826366

FFFFFF

 694B4E

 B79699

 503437

 D3B1B4

 381F22

 F0CCCF

 23080C

 FFE8EB

 000000

 826366

 826366

 82565A

 827072

 82494F

 827D7D

 823C43

 828A89

822F37

829795

82222B

82A4A1

821520

82B1AC

820814

82BEB8

82000D

82CBC4

82D8D0

# Harmonies

## Analogous

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



7D6471



826366



80655C

# Triad

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



826366



616F5A



576E80

# Complementary

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



826366



63827F

# 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.



4E707A



826366



557164

# Square

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



826366



6E6C55



4E7170



656A80

# Rectangle

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



826366



7C6757



4E7170



536F7E



# Sweetspot

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



826366



A89D9E



7F6382



544D4E



D4D4D4



545454



# Same Dimension

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



826366



A8777C



826F63



40393A



80000C



000000



# Inverse Universe

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



826366



A8777C



637682



40393A



80000C



000000



# Previews

## White Background



This preview shows how the Hex color 826366 looks on a white background.

## Color Contrast Check

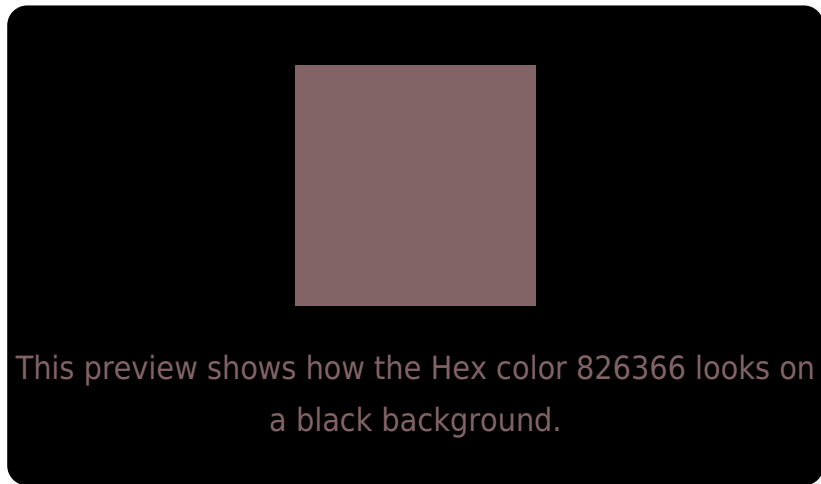
Large Text (above 18pt) WCAG AA ✓ Pass

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

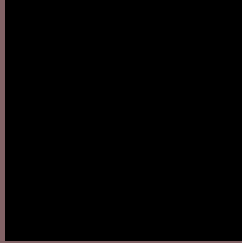
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 826366 Background



This preview shows how black text looks on a background with the Hex color 826366.



This preview shows how white text looks on a background with the Hex color 826366.

# 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**  
826366

**Protanopia**  
6D6A6A

**Deuteranopia**  
776765



**Tritanopia**  
82626A

# Trichromacy



**Original Color**  
826366

**Protanomaly**  
756769

**Deuteranomaly**  
7B6665

**Tritanomaly**  
826269

# Monochromacy



**Original Color**  
826366

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
75696A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 826366 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 #826366 looks like.

```
.text, #text, p{  
    color:#826366  
}
```

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 #826366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #826366  
}
```

## Border

The CSS property to change the border of an element to Hex 826366 is called "border". The border property can be set on classes, ids or directly on the HTML element.

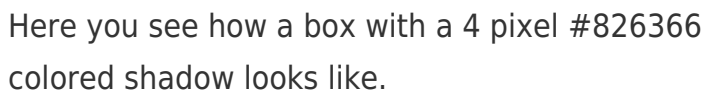
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#826366 }
```

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

```
.border{ border-color:#826366 }
```

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



Here you see how a box with a 4 pixel #826366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #826366; -webkit-box-shadow:4px 4px  
4px 4px #826366; box-shadow:4px 4px 4px  
4px #826366 }
```

# Background

The CSS property to change the background color of an element to Hex 826366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#826366 }
```

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

```
.background{ background-color:#826366 }
```

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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