

# Converting Colors

Hex(826382)

Have a look what the booklet for  
Hex(826382) contains.

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# Color

**Hex(826382)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	826382
RGB	130, 99, 130
RGB Percent	51%, 39%, 51%
CMY	0.4902, 0.6118, 0.4902
CMYK	0.00, 0.24, 0.00, 0.49
HSL	300°, 14%, 45%
HSV	300°, 24%, 51%
XYZ	17.6970, 15.2812, 23.1359
YIQ	111.8030, 8.5250, 16.2130

# Conversions

## Conversions Part 2

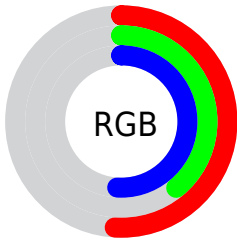
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 99, 130
Decimal	8545154
CIE <sub>Lab</sub>	46.02, 18.20, -12.42
CIE <sub>LCh</sub>	46, 22.031, 325.686
Yxy	15.2812, 0.3154, 0.2723
Android (android.graphics.Color)	4286735234 (0xFF826382)
YUV	111.8030, 8.9711, 15.9588
Hunter-Lab	39.0912, 12.3994, -7.7267

# Details

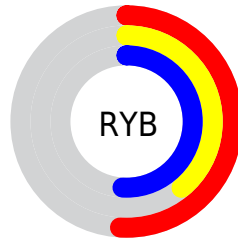
The Hex color **826382** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **638263**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **B796B7**, and **503451** is the 20% darker color. If you saturate the color by 10%, you get **825682**, and if you desaturate by 10%, it is **827082**.

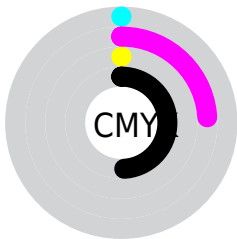
# Distribution



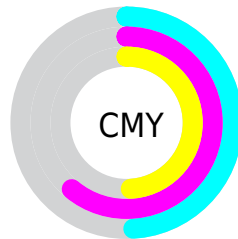
- Red (51%)
- Green (39%)
- Blue (51%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 826382 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 826382 by changing the saturation by 10% instead.



826382

826382

FFFFFF

694B69

B796B7

503451

D3B1D3

391E3A

F0CCEF

230824

FFE9FF

00000D

000000

826382

826382

825682

827082

824982

827D82

823C82

828A82

822F82

829782

822282

82A482

821582

82B182

820882

82BE82

820082

82CB82

82D882

# Harmonies

## Analogous

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



6C698E



826382



8F5F70

# Triad

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



826382



7C6B48



31777C

# Complementary

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



826382



638263

# 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.



3F776A



826382



69714B

# Square

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



826382



8B654F



547558



39748B

# Rectangle

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



826382



925F64



547558



347776



# Sweetspot

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



826382



A89DA8



636382



544D54



D4D4D4



545454



# Same Dimension

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



826382



A877A8



826372



403940



800080



000000



# Inverse Universe

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



826382



A877A8



638272



403940



800080

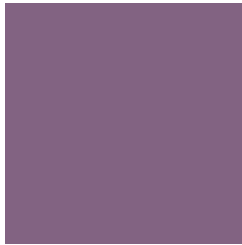


000000



# Previews

## White Background



This preview shows how the Hex color 826382 looks on a white background.

## Color Contrast Check

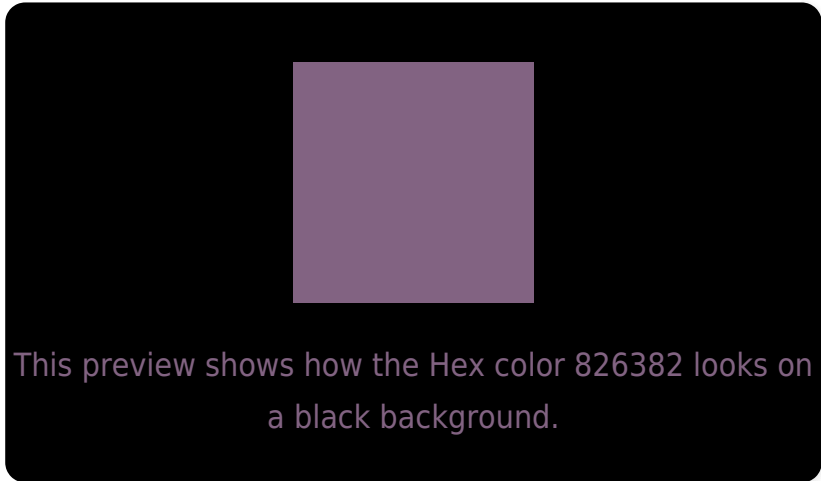
Large Text (above 18pt) WCAG AA ✓ Pass

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

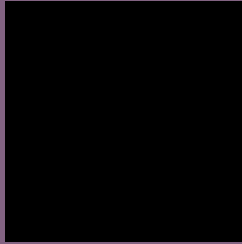
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 826382 Background



This preview shows how black text looks on a background with the Hex color 826382.




This preview shows how white text looks on a background with the Hex color 826382.

# 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





**Tritanopia**  
7F676F

# Trichromacy



**Original Color**  
826382

**Protanomaly**  
706986

**Deuteranomaly**  
756881

**Tritanomaly**  
806676

# Monochromacy



**Original Color**  
826382

**Achromatopsia**  
707070

**Achromatomaly**  
776B77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 826382 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 #826382 looks like.

```
.text, #text, p{  
    color:#826382  
}
```

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 #826382 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #826382
}
```

## Border

The CSS property to change the border of an element to Hex 826382 is called "border". The border property can be set on classes, ids or directly on the HTML element.

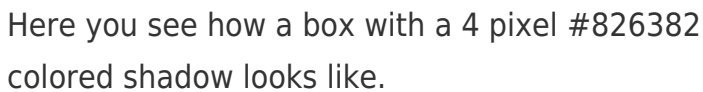
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#826382 }
```

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

```
.border{ border-color:#826382 }
```

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



Here you see how a box with a 4 pixel #826382 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #826382; -webkit-box-shadow:4px 4px  
4px 4px #826382; box-shadow:4px 4px 4px  
4px #826382 }
```

# Background

The CSS property to change the background color of an element to Hex 826382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#826382 }
```

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

```
.background{ background-color:#826382 }
```

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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