

# Converting Colors

Hex(826482)

Have a look what the booklet for  
Hex(826482) contains.

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# Color

**Hex(826482)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	826482
RGB	130, 100, 130
RGB Percent	51%, 39%, 51%
CMY	0.4902, 0.6078, 0.4902
CMYK	0.00, 0.23, 0.00, 0.49
HSL	300°, 13%, 45%
HSV	300°, 23%, 51%
XYZ	17.7924, 15.4719, 23.1677
YIQ	112.3900, 8.2500, 15.6900

# Conversions

## Conversions Part 2

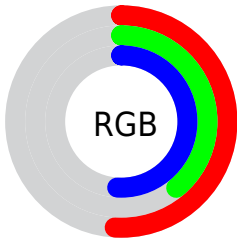
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 100, 130
Decimal	8545410
CIE Lab	46.27, 17.60, -12.03
CIE LCh	46, 21.321, 325.646
Yxy	15.4719, 0.3153, 0.2742
Android (android.graphics.Color)	4286735490 (0xFF826482)
YUV	112.3900, 8.6817, 15.4440
Hunter-Lab	39.3343, 11.9071, -7.3875

# Details

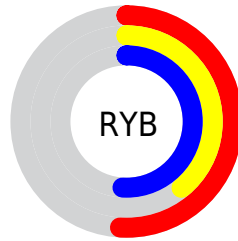
The Hex color **826482** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **648264**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **B797B7**, and **503551** is the 20% darker color. If you saturate the color by 10%, you get **825782**, and if you desaturate by 10%, it is **827182**.

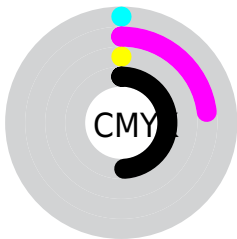
# Distribution



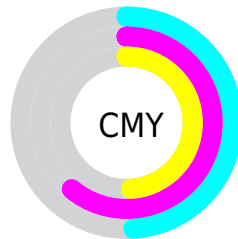
- Red (51%)
- Green (39%)
- Blue (51%)



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



- Cyan (0%)
- Magenta (23%)
- Yellow (0%)
- Black (49%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 826482 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 826482 by changing the saturation by 10% instead.





826482



826482

FFFFFF



694C69



B797B7



503551



D3B2D3



391F3A



EFCDEF



230A24



FFEAFF



00000D



000000



826482



826482



825782



827182



824A82



827E82

823D82

828B82

823082

829882

822382

82A582

821682

82B282

820982

82BF82

820082

82CC82

82D982

# Harmonies

## Analogous

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



6D6A8E



826482



8F6171

# Triad

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



826482



7D6C4A



35777C

# Complementary

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



826482



648264

# 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.



42776A



826482



6A714D

# Square

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



826482



8B6651



567559



3C758B

# Rectangle

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



826482



926165



567559



387877



# Sweetspot

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



826482



A89DA8



646482



544D54



D4D4D4



545454



# Same Dimension

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



826482



A879A8



826473



403940



800080



000000



# Inverse Universe

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



826482



A879A8



648273



403940



800080

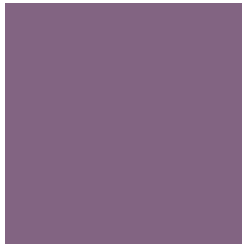


000000



# Previews

## White Background



This preview shows how the Hex color 826482 looks on a white background.

## Color Contrast Check

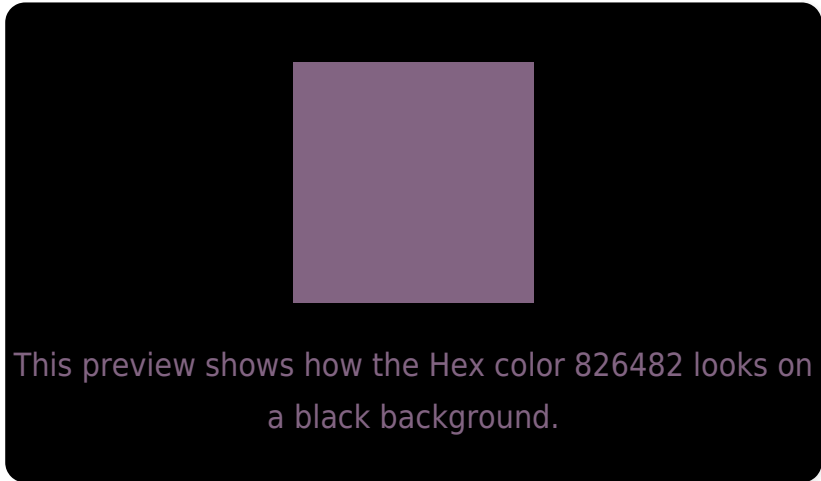
Large Text (above 18pt) WCAG AA ✓ Pass

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

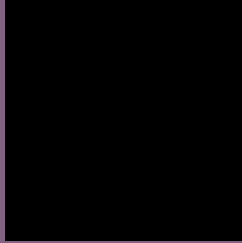
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 826482 Background



This preview shows how black text looks on a background with the Hex color 826482.

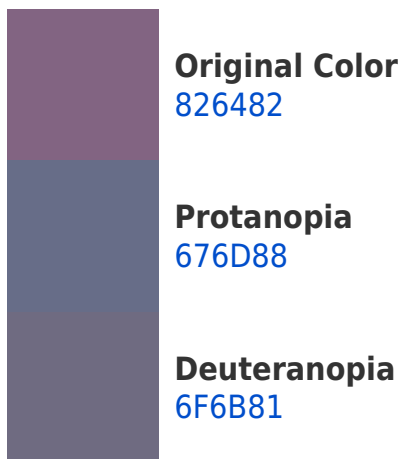



This preview shows how white text looks on a background with the Hex color 826482.

# 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**  
826482

**Protanomaly**  
716A86

**Deuteranomaly**  
766881

**Tritanomaly**  
806676

# Monochromacy



**Original Color**  
826482

**Achromatopsia**  
707070

**Achromatomaly**  
776C77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 826482 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 #826482 looks like.

```
.text, #text, p{  
    color:#826482  
}
```

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 #826482 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #826482
}
```

## Border

The CSS property to change the border of an element to Hex 826482 is called "border". The border property can be set on classes, ids or directly on the HTML element.

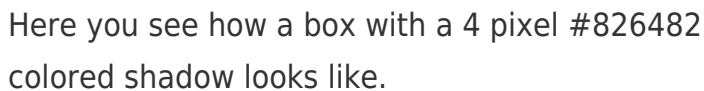
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#826482 }
```

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

```
.border{ border-color:#826482 }
```

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



Here you see how a box with a 4 pixel #826482 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #826482; -webkit-box-shadow:4px 4px  
4px 4px #826482; box-shadow:4px 4px 4px  
4px #826482 }
```

# Background

The CSS property to change the background color of an element to Hex 826482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#826482 }
```

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

```
.background{ background-color:#826482 }
```

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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