

# Converting Colors

Hex(826D84)

Have a look what the booklet for  
Hex(826D84) contains.

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# Color

**Hex(826D84)**

# Conversions

## Conversions Part 1

Format	Color
Hex	826D84
RGB	130, 109, 132
RGB Percent	51%, 43%, 52%
CMY	0.4902, 0.5725, 0.4824
CMYK	0.02, 0.17, 0.00, 0.48
HSL	295°, 10%, 47%
HSV	295°, 17%, 52%
XYZ	18.8394, 17.3490, 24.1856
YIQ	117.9010, 5.1330, 11.6050

# Conversions

## Conversions Part 2

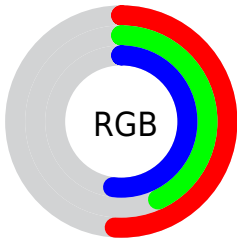
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 109, 132
Decimal	8547716
CIE <sub>Lab</sub>	48.70, 12.66, -9.58
CIE <sub>LCh</sub>	49, 15.876, 322.897
Yxy	17.3490, 0.3120, 0.2874
Android (android.graphics.Color)	4286737796 (0xFF826D84)
YUV	117.9010, 6.9508, 10.6108
Hunter-Lab	41.6522, 7.8448, -5.2705

# Details

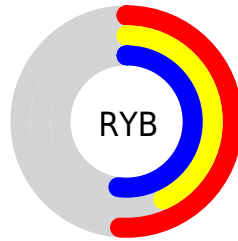
The Hex color **826D84** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F846D**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B7A1B9**, and **503D53** is the 20% darker color. If you saturate the color by 10%, you get **816084**, and if you desaturate by 10%, it is **837A84**.

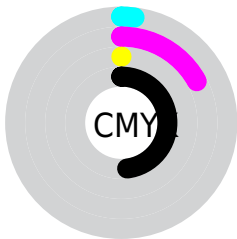
# Distribution



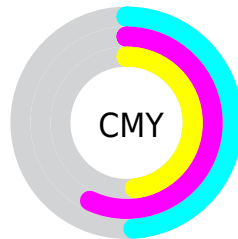
- Red (51%)
- Green (43%)
- Blue (52%)



- Red (51%)
- Yellow (43%)
- Blue (52%)



- Cyan (2%)
- Magenta (17%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (57%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 826D84 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 826D84 by changing the saturation by 10% instead.



826D84

826D84

FFFFFF

69556B

B7A1B9

503D53

D3BCD5

39273B

EFD7F1

231326

FFF4FF

0A0011

000000

826D84

826D84

816084

837A84

805384

848784

 7F4584

 859584

 7D3884

 87A284

 7C2B84

 88AF84

 7B1E84

 89BC84

 7A1184

 8AC984

 790384

 8BD784

 790084

 8CE484

# Harmonies

## Analogous

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



72718C



826D84



8C6A77

# Triad

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



826D84



817259



4F7B7E

# Complementary

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



826D84



6F846D

# 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.



567B70



826D84



73765B

# Square

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



826D84



8B6D5F



647963



527989

# Rectangle

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



826D84



8F6A6E



647963



507B79



# Sweetspot

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



826D84



AAA2AB



6D6F84



565157



D6D6D6



575757



# Same Dimension

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



826D84



A887AB



846D7B



423C42



770082



020003



# Inverse Universe

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



846D6F



AB878A



6D8476



423C3C



82000B



030000



# Previews

## White Background



This preview shows how the Hex color 826D84 looks on a white background.

## Color Contrast Check

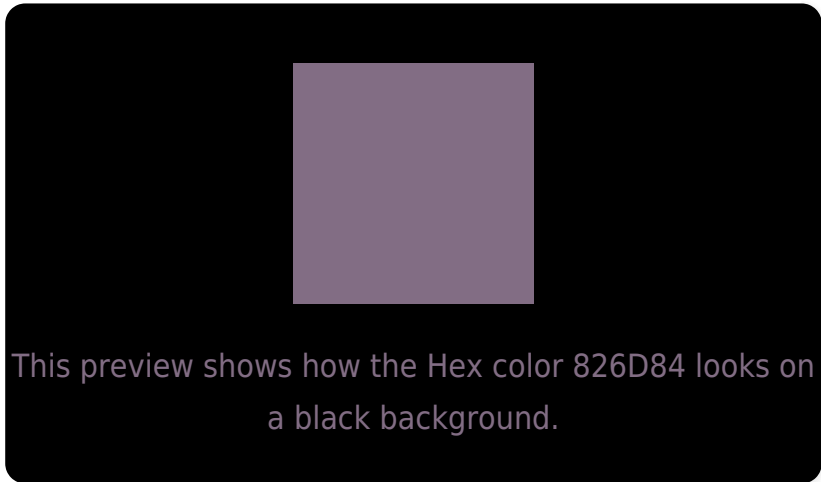
Large Text (above 18pt) WCAG AA ✓ Pass

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

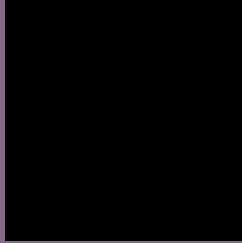
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 826D84 Background



This preview shows how black text looks on a background with the Hex color 826D84.



This preview shows how white text looks on a background with the Hex color 826D84.

# 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**  
826D84

**Protanopia**  
707388

**Deuteranopia**  
787183



**Tritanopia**  
806F78

# Trichromacy



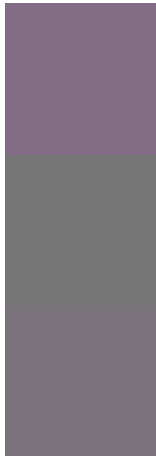
**Original Color**  
826D84

**Protanomaly**  
777187

**Deuteranomaly**  
7C7083

**Tritanomaly**  
816E7C

# Monochromacy



**Original Color**  
826D84

**Achromatopsia**  
767676

**Achromatomaly**  
7A737B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 826D84 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 #826D84 looks like.

```
.text, #text, p{  
    color:#826D84  
}
```

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 #826D84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #826D84
}
```

## Border

The CSS property to change the border of an element to Hex 826D84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

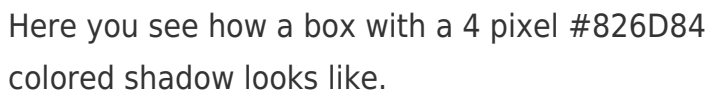
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#826D84 }
```

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

```
.border{ border-color:#826D84 }
```

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



Here you see how a box with a 4 pixel #826D84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #826D84; -webkit-box-shadow:4px 4px  
4px 4px #826D84; box-shadow:4px 4px 4px  
4px #826D84 }
```

# Background

The CSS property to change the background color of an element to Hex 826D84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#826D84 }
```

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

```
.background{ background-color:#826D84 }
```

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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