

# Converting Colors

Hex(826579)

Have a look what the booklet for  
Hex(826579) contains.

<b>Hex(826579)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(826579)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	826579
RGB	130, 101, 121
RGB Percent	51%, 40%, 47%
CMY	0.4902, 0.6039, 0.5255
CMYK	0.00, 0.22, 0.07, 0.49
HSL	319°, 13%, 45%
HSV	319°, 22%, 51%
XYZ	17.3108, 15.4337, 20.1558
YIQ	111.9510, 10.8640, 12.3680

# Conversions

## Conversions Part 2

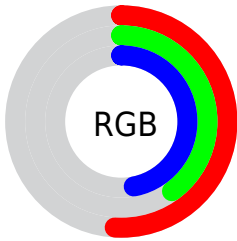
Format	Color
<b>R<sub>YB</sub></b>	130, 101, 121
Decimal	8545657
CIE Lab	46.22, 15.22, -6.70
CIE LCh	46, 16.630, 336.227
Yxy	15.4337, 0.3272, 0.2918
Android (android.graphics.Color)	4286735737 (0xFF826579)
YUV	111.9510, 4.4612, 15.8290
Hunter-Lab	39.2857, 9.9040, -2.9191

# Details

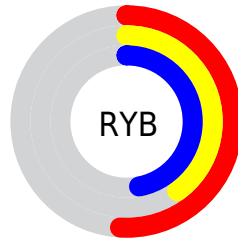
The Hex color **826579** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **65826E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **B798AD**, and **503648** is the 20% darker color. If you saturate the color by 10%, you get **825875**, and if you desaturate by 10%, it is **82727D**.

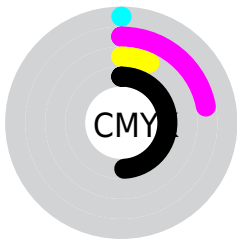
# Distribution



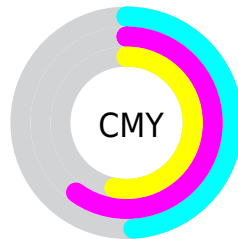
- Red (51%)
- Green (40%)
- Blue (47%)



- Red (51%)
- Yellow (40%)
- Blue (47%)



- Cyan (0%)
- Magenta (22%)
- Yellow (7%)
- Black (49%)



- Cyan (49%)
- Magenta (60%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 826579 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 826579 by changing the saturation by 10% instead.



 826579

 826579

FFFFFF

 694D60

 B798AD

 503648

 D3B3C9

 392032

 EFC EE5

 230B1D

 FFE BFF

 000000

 826579

 826579

 825875

 82727D

 824B71

 827F81

 823E6D

 828C85

823169

829989

822465

82A68D

821761

82B391

820A5D

82C095

82005A

82CD99

82DA9D

# Harmonies

## Analogous

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



736984



826579



89636B

# Triad

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



826579



756E52



46757D

# Complementary

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



826579



65826E

# 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.



497570



826579



667257

# Square

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



826579



826954



567462



4F7287

# Rectangle

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



826579



8A6462



567462



467579



# Sweetspot

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



826579



A89DA5



6E6582



544D52



D4D4D4



545454



# Same Dimension

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



826579



A87B9A



82656B



40393E



800058



000000



# Inverse Universe

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



826579



A87B9A



65827C



40393E



800058



000000



# Previews

## White Background



This preview shows how the Hex color 826579 looks on a white background.

## Color Contrast Check

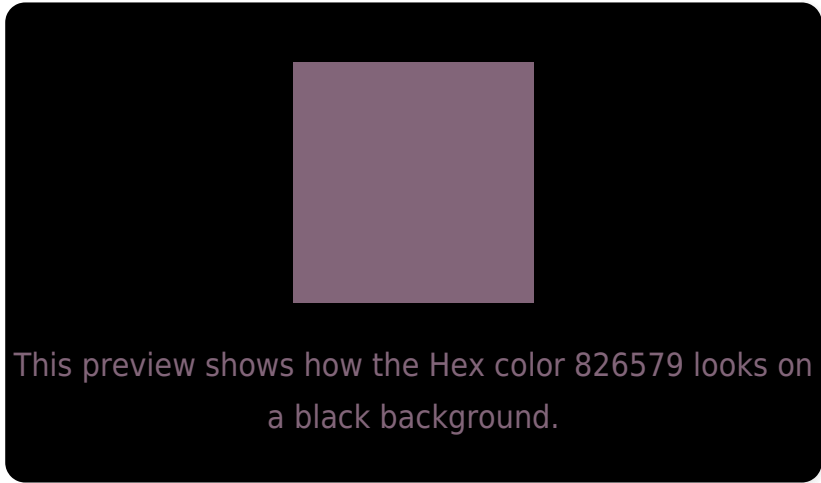
Large Text (above 18pt) WCAG AA ✓ Pass

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

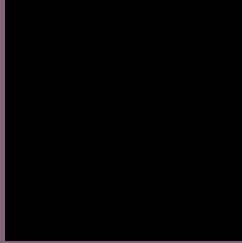
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 826579 Background



This preview shows how black text looks on a background with the Hex color 826579.



This preview shows how white text looks on a background with the Hex color 826579.

# 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**


826579

**Protanopia**

6B6D7E

**Deuteranopia**

746B78



**Tritanopia**  
81676F

# Trichromacy



**Original Color**  
826579

**Protanomaly**  
736A7C

**Deuteranomaly**  
796978

**Tritanomaly**  
816673

# Monochromacy



**Original Color**  
826579

**Achromatopsia**  
707070

**Achromatomaly**  
776C73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 826579 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 #826579 looks like.

```
.text, #text, p{  
    color:#826579  
}
```

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 #826579 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #826579
}
```

## Border

The CSS property to change the border of an element to Hex 826579 is called "border". The border property can be set on classes, ids or directly on the HTML element.

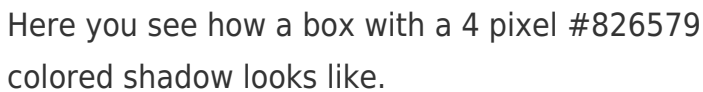
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#826579 }
```

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

```
.border{ border-color:#826579 }
```

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



Here you see how a box with a 4 pixel #826579 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #826579; -webkit-box-shadow:4px 4px  
4px 4px #826579; box-shadow:4px 4px 4px  
4px #826579 }
```

# Background

The CSS property to change the background color of an element to Hex 826579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#826579 }
```

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

```
.background{ background-color:#826579 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor