

# Converting Colors

Hex(826D92)

Have a look what the booklet for  
Hex(826D92) contains.

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# Color

**Hex(826D92)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	826D92
RGB	130, 109, 146
RGB Percent	51%, 43%, 57%
CMY	0.4902, 0.5725, 0.4275
CMYK	0.11, 0.25, 0.00, 0.43
HSL	274°, 15%, 50%
HSV	274°, 25%, 57%
XYZ	19.8629, 17.7584, 29.5750
YIQ	119.4970, 0.6390, 15.9590

# Conversions

## Conversions Part 2

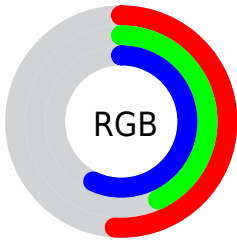
Format	Color
R <sub>YB</sub>	130, 109, 146
Decimal	8547730
CIE <sub>Lab</sub>	49.20, 15.67, -17.11
CIE <sub>LCh</sub>	49, 23.201, 312.492
Yxy	17.7584, 0.2956, 0.2643
Android (android.graphics.Color)	4286737810 (0xFF826D92)
YUV	119.4970, 13.0660, 9.2111
Hunter-Lab	42.1407, 10.3889, -12.1120

# Details

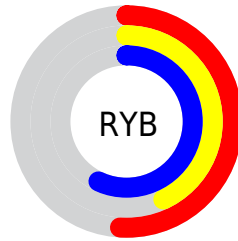
The Hex color **826D92** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7D926D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B7A1C8**, and **503D5F** is the 20% darker color. If you saturate the color by 10%, you get **7C5E92**, and if you desaturate by 10%, it is **887C92**.

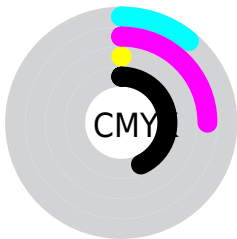
# Distribution



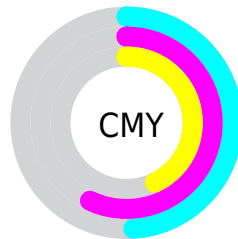
- Red (51%)
- Green (43%)
- Blue (57%)



- Red (51%)
- Yellow (43%)
- Blue (57%)



- Cyan (11%)
- Magenta (25%)
- Yellow (0%)
- Black (43%)



- Cyan (49%)
- Magenta (57%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 826D92 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 826D92 by changing the saturation by 10% instead.





826D92



826D92

FFFFFF



695578



B7A1C8



503D5F



D3BCE4



392748



EFD7FF



231331



FFF4FF



0D001C



000000



826D92



826D92



7C5E92



887C92



755092



8F8A92

6F4192

959992

693392

9BA792

622492

A2B692

5C1592

A8C592

560792

AED392

530092

B5E292

BBF092

# Harmonies

## Analogous

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



67749B



826D92



946881

# Triad

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



826D92



8D7050



3A807D

# Complementary

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



826D92



7D926D

# 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.



4D7F68



826D92



7A764E

# Square

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



826D92



996A5B



647C57



367E8F

# Rectangle

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



826D92



9B6674



647C57



408076



# Sweetspot

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



826D92



B6AEBD



6D7D92



5A555E



DEDEDE



5E5E5E



# Same Dimension

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



826D92



A484BD



926D90



47434A



4E008A



06000A



# Inverse Universe

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



926D7D



BD849D



6D926F



4A4346



8A003C

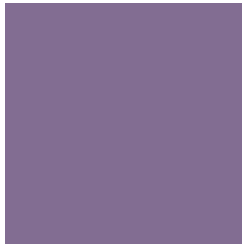


0A0004



# Previews

## White Background



This preview shows how the Hex color 826D92 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 ✓ Pass

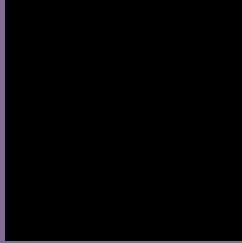
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 826D92 Background



This preview shows how black text looks on a background with the Hex color 826D92.



This preview shows how white text looks on a background with the Hex color 826D92.

# 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**  
826D92

**Protanopia**  
6C7497

**Deuteranopia**  
727391



**Tritanopia**  
7E717A

# Trichromacy



**Original Color**  
826D92

**Protanomaly**  
747195

**Deuteranomaly**  
787191

**Tritanomaly**  
7F7083

# Monochromacy



**Original Color**  
826D92

**Achromatopsia**  
777777

**Achromatomaly**  
7B7381

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 826D92 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 #826D92 looks like.

```
.text, #text, p{  
    color:#826D92  
}
```

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 #826D92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #826D92
}
```

## Border

The CSS property to change the border of an element to Hex 826D92 is called "border". The border property can be set on classes, ids or directly on the HTML element.

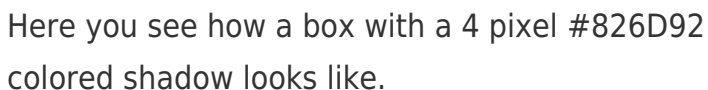
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#826D92 }
```

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

```
.border{ border-color:#826D92 }
```

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



Here you see how a box with a 4 pixel #826D92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #826D92; -webkit-box-shadow:4px 4px  
4px 4px #826D92; box-shadow:4px 4px 4px  
4px #826D92 }
```

# Background

The CSS property to change the background color of an element to Hex 826D92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#826D92 }
```

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

```
.background{ background-color:#826D92 }
```

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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