

Converting Colors

Hex(826EA3)

Have a look what the booklet for
Hex(826EA3) contains.

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Color

Hex(826EA3)

Conversions

Conversions Part 1

Format	Color
Hex	826EA3
RGB	130, 110, 163
RGB Percent	51%, 43%, 64%
CMY	0.4902, 0.5686, 0.3608
CMYK	0.20, 0.33, 0.00, 0.36
HSL	263°, 22%, 54%
HSV	263°, 33%, 64%
XYZ	21.3927, 18.5420, 37.1018
YIQ	122.0220, -5.0930, 20.7230

Conversions

Conversions Part 2

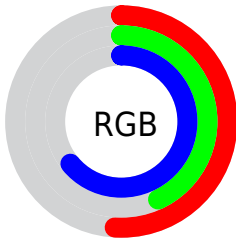
Format	Color
R_{YB}	130, 110, 163
Decimal	8548003
CIE _{Lab}	50.15, 19.03, -25.65
CIE _{LCh}	50, 31.934, 306.572
Yxy	18.5420, 0.2777, 0.2407
Android (android.graphics.Color)	4286738083 (0xFF826EA3)
YUV	122.0220, 20.2022, 6.9967
Hunter-Lab	43.0605, 13.3241, -20.9432

Details

The Hex color **826EA3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8FA36E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B8A2DA**, and **503E6F** is the 20% darker color. If you saturate the color by 10%, you get **785EA3**, and if you desaturate by 10%, it is **8C7EA3**.

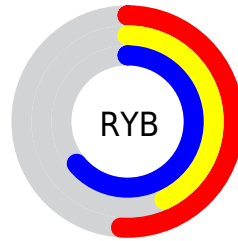
Distribution



Red (51%)

Green (43%)

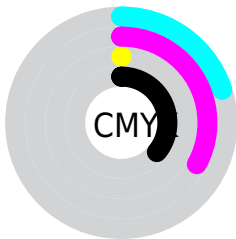
Blue (64%)



Red (51%)

Yellow (43%)

Blue (64%)

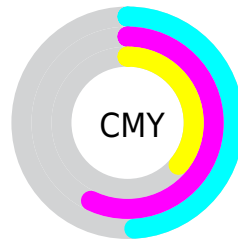


Cyan (20%)

Magenta (33%)

Yellow (0%)

Black (36%)



Cyan (49%)

Magenta (57%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 826EA3 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 826EA3 by changing the saturation by 10% instead.



826EA3



826EA3

FFFFFF



685689



B8A2DA



503E6F



D4BDF7



382856



F0D9FF



20133F



FFF5FF



0F0029



000113



000000



826EA3



826EA3



785EA3



8C7EA3

6E4DA3

968FA3

643DA3

A09FA3

592DA3

ABAF A3

4F1DA3

B5C0A3

450CA3

BFD0A3

3E00A3

C9E0A3

D3F0A3

DFFFA3

Harmonies

Analogous

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



5878AD



826EA3



9E658D

Triad

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



826EA3



9A6E46



10867D

Complementary

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



826EA3



8FA36E

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.



438461



826EA3



837840

Square

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



826EA3



A96658



667F4B



008497

Rectangle

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



826EA3



A8627C



667F4B



268573

Sweetspot

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



826EA3



C6BED4



6E90A3



635E6B



EBEBEB



6B6B6B

Same Dimension

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



826EA3



A081D4



9C6EA3



4D4952



370091



070012

Inverse Universe

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



A36E8F



D481B5



75A36E



52494F



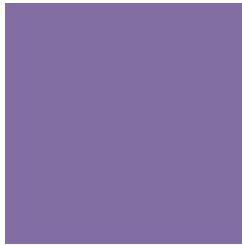
91005B



12000B

Previews

White Background



This preview shows how the Hex color 826EA3 looks on a white background.

Color Contrast Check

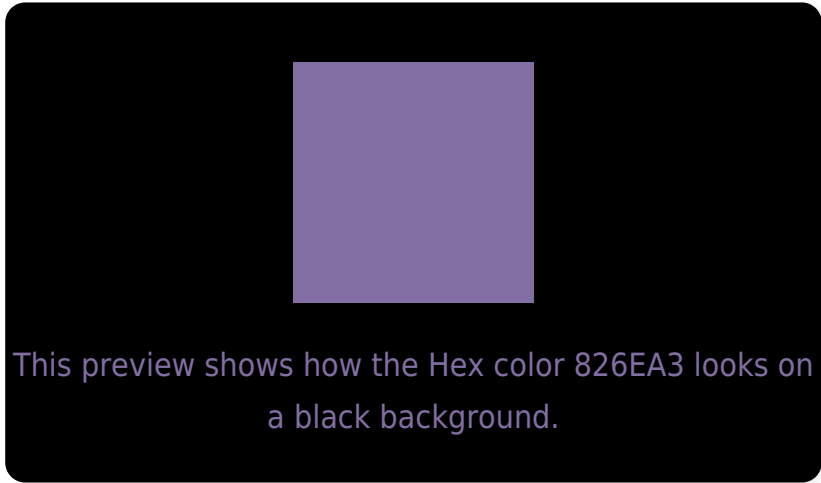
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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 826EA3 Background



This preview shows how black text looks on a background with the Hex color 826EA3.

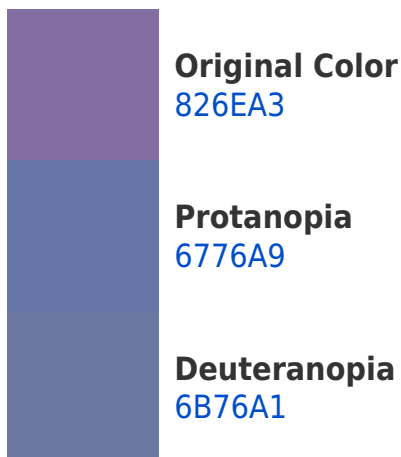


This preview shows how white text looks on a background with the Hex color 826EA3.

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
7C757E

Trichromacy



Original Color
826EA3

Protanomaly
7173A7

Deuteranomaly
7373A2

Tritanomaly
7E728B

Monochromacy



Original Color
826EA3

Achromatopsia
7A7A7A

Achromatomaly
7D7689

CSS Examples

Text

The CSS property to change the color of the text to Hex 826EA3 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 #826EA3 looks like.

```
.text, #text, p{  
    color:#826EA3  
}
```

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 #826EA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #826EA3  
}
```

Border

The CSS property to change the border of an element to Hex 826EA3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

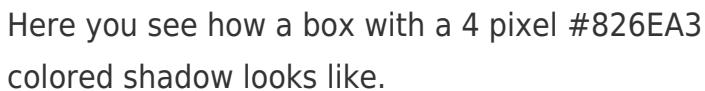
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#826EA3 }
```

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

```
.border{ border-color:#826EA3 }
```

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



Here you see how a box with a 4 pixel #826EA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #826EA3; -webkit-box-shadow:4px 4px  
4px 4px #826EA3; box-shadow:4px 4px 4px  
4px #826EA3 }
```

Background

The CSS property to change the background color of an element to Hex 826EA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#826EA3 }
```

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

```
.background{ background-color:#826EA3 }
```

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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