

Converting Colors

Hex(824A76)

Have a look what the booklet for
Hex(824A76) contains.

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Color

Hex(824A76)

Conversions

Conversions Part 1

Format	Color
Hex	824A76
RGB	130, 74, 118
RGB Percent	51%, 29%, 46%
CMY	0.4902, 0.7098, 0.5373
CMYK	0.00, 0.43, 0.09, 0.49
HSL	313°, 27%, 40%
HSV	313°, 43%, 51%
XYZ	14.9247, 10.9514, 18.4668
YIQ	95.7600, 19.2520, 25.5560

Conversions

Conversions Part 2

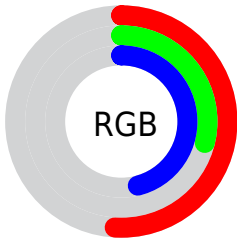
Format	Color
R_{YB}	130, 74, 118
Decimal	8538742
CIE _{Lab}	39.50, 30.53, -15.02
CIE _{LCh}	39, 34.025, 333.805
Yxy	10.9514, 0.3366, 0.2470
Android (android.graphics.Color)	4286728822 (0xFF824A76)
YUV	95.7600, 10.9643, 30.0285
Hunter-Lab	33.0929, 22.5900, -9.9204

Details

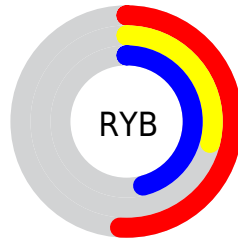
The Hex color **824A76** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4A8256**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **B87CAA**, and **4F1B46** is the 20% darker color. If you saturate the color by 10%, you get **823D73**, and if you desaturate by 10%, it is **825779**.

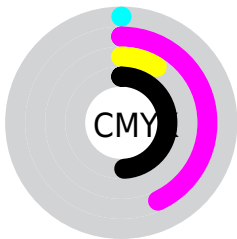
Distribution



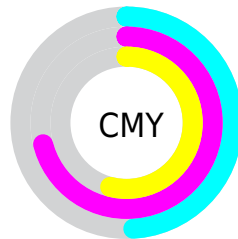
- Red (51%)
- Green (29%)
- Blue (46%)



- Red (51%)
- Yellow (29%)
- Blue (46%)



- Cyan (0%)
- Magenta (43%)
- Yellow (9%)
- Black (49%)



- Cyan (49%)
- Magenta (71%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 824A76 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 824A76 by changing the saturation by 10% instead.

824A76

824A76

FFFFFF

68325D

B87CAA

4F1B46

D496C6

37022F

F1B2E2

24001B

FFCDFE

000000

FFEAFF

824A76

824A76

823D73

825779

823070

82647C

82236E

82717E

82166B

827E81

820968

828B84

820066

829887

82A589

82B28C

82BF8F

Harmonies

Analogous

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



64548B



824A76



90455B

Triad

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



824A76



6A5D23



006A7B

Complementary

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



824A76



4A8256

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.



006B60



824A76



4D642D

Square

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



824A76



81532B



276944



00668E

Rectangle

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



824A76



914748



276944



006B73

Sweetspot

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



824A76



A892A4



554A82



544751



D4D4D4



545454

Same Dimension

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



824A76



A85196



824A5B



40393E



800064



000000

Inverse Universe

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



824A76



A85196



4A8271



40393E



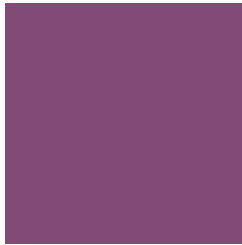
800064



000000

Previews

White Background



This preview shows how the Hex color 824A76 looks on a white background.

Color Contrast Check

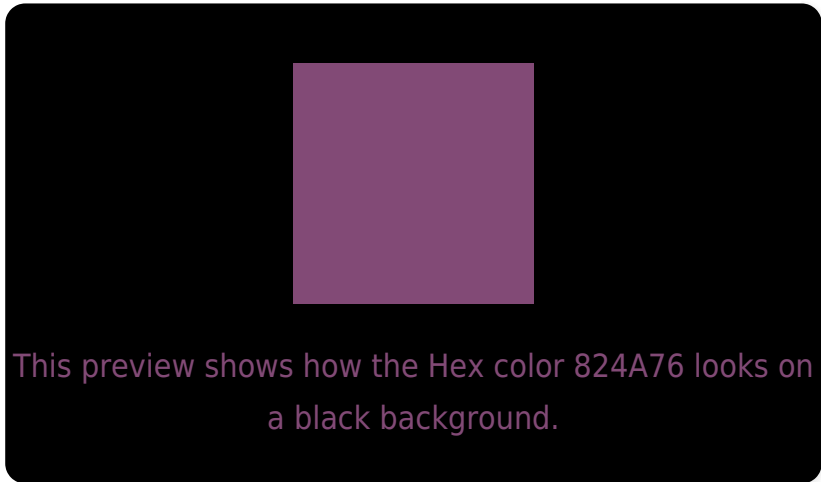
Large Text (above 18pt) WCAG AA ✓ Pass

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

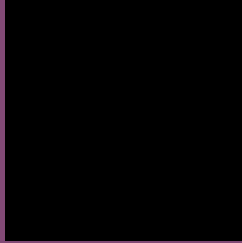
Any Text WCAG AA × Fail

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 824A76 Background



This preview shows how black text looks on a background with the Hex color 824A76.

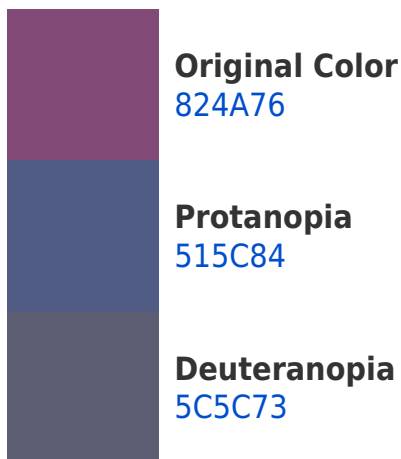


This preview shows how white text looks on a background with the Hex color 824A76.

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
7E5157

Trichromacy



Original Color
824A76

Protanomaly
63557F

Deuteranomaly
6A5574

Tritanomaly
7F4E62

Monochromacy



Original Color
824A76

Achromatopsia
606060

Achromatomaly
6C5868

CSS Examples

Text

The CSS property to change the color of the text to Hex 824A76 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 #824A76 looks like.

```
.text, #text, p{  
    color:#824A76  
}
```

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 #824A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #824A76
}
```

Border

The CSS property to change the border of an element to Hex 824A76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

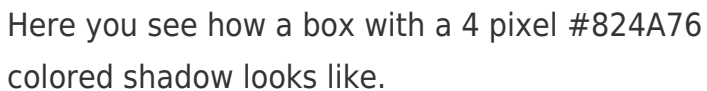
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#824A76 }
```

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

```
.border{ border-color:#824A76 }
```

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



Here you see how a box with a 4 pixel #824A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #824A76; -webkit-box-shadow:4px 4px  
4px 4px #824A76; box-shadow:4px 4px 4px  
4px #824A76 }
```

Background

The CSS property to change the background color of an element to Hex 824A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#824A76 }
```

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

```
.background{ background-color:#824A76 }
```

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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