

# Converting Colors

Hex(824B64)

Have a look what the booklet for  
Hex(824B64) contains.

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**Color**

**Hex(824B64)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	824B64
RGB	130, 75, 100
RGB Percent	51%, 29%, 39%
CMY	0.4902, 0.7059, 0.6078
CMYK	0.00, 0.42, 0.23, 0.49
HSL	333°, 27%, 40%
HSV	333°, 42%, 51%
XYZ	14.0222, 10.6981, 13.3825
YIQ	94.2950, 24.7550, 19.4350

# Conversions

## Conversions Part 2

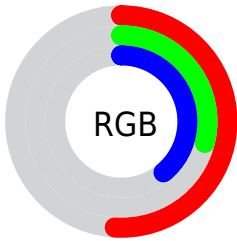
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 75, 100
Decimal	8538980
CIE <sub>Lab</sub>	39.07, 26.84, -4.50
CIE <sub>LCh</sub>	39, 27.213, 350.492
Yxy	10.6981, 0.3680, 0.2808
Android (android.graphics.Color)	4286729060 (0xFF824B64)
YUV	94.2950, 2.8126, 31.3133
Hunter-Lab	32.7079, 19.2861, -1.3630

# Details

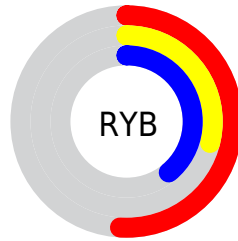
The Hex color **824B64** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4B8269**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **B87D97**, and **4F1C35** is the 20% darker color. If you saturate the color by 10%, you get **823E5D**, and if you desaturate by 10%, it is **82586B**.

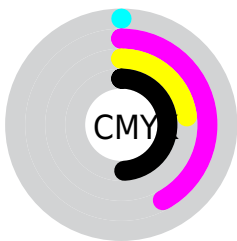
# Distribution



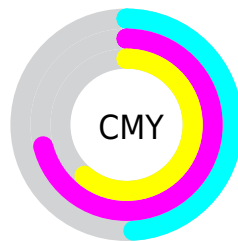
- Red (51%)
- Green (29%)
- Blue (39%)



- Red (51%)
- Yellow (29%)
- Blue (39%)



- Cyan (0%)
- Magenta (42%)
- Yellow (23%)
- Black (49%)



- Cyan (49%)
- Magenta (71%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 824B64 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 824B64 by changing the saturation by 10% instead.





824B64



824B64

FFFFFF



68334C



B87D97



4F1C35



D497B1



370520



F1B2CD



230008



FFCEE9



000000



FFEAFF



824B64



824B64



823E5D



82586B



823156



826572

82244F

827279

821748

827F80

820A41

828C87

82003B

82998F

82A696

82B39D

82C0A4

# Harmonies

## Analogous

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



715178



824B64



874B4E

# Triad

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



824B64



5B5F32



00657E

# Complementary

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



824B64



4B8269

# 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.



00686B



824B64



41643F

# Square

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



824B64



705830



216754



2B6087

# Rectangle

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



824B64



834E40



216754



006678



# Sweetspot

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



824B64



A8929C



684B82



54474D



D4D4D4



545454



# Same Dimension

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



824B64



A85279



824D4B



40393C



80003A



000000



# Inverse Universe

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



824B64



A85279



4B8082



40393C



80003A

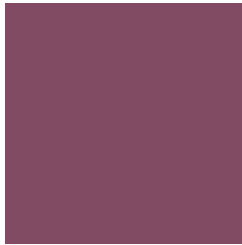


000000



# Previews

## White Background



This preview shows how the Hex color 824B64 looks on a white background.

## Color Contrast Check

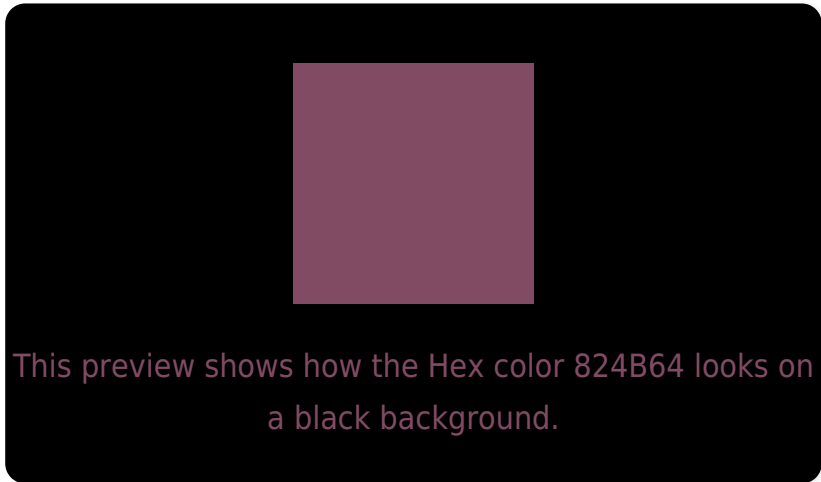
Large Text (above 18pt) WCAG AA ✓ Pass

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 824B64 Background



This preview shows how black text looks on a background with the Hex color 824B64.

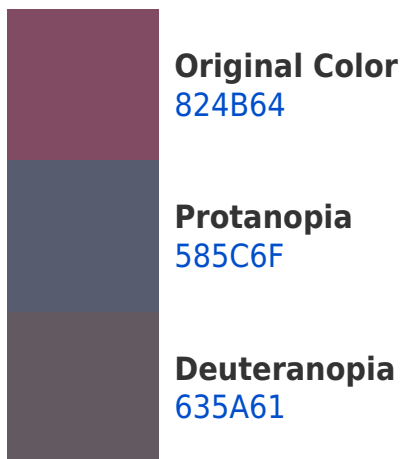


This preview shows how white text looks on a background with the Hex color 824B64.

# 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**  
804E54

# Trichromacy



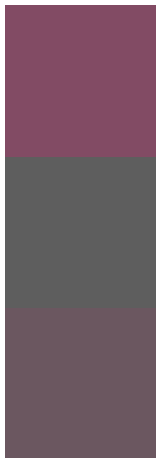
**Original Color**  
824B64

**Protanomaly**  
67566B

**Deuteranomaly**  
6E5562

**Tritanomaly**  
814D5A

# Monochromacy



**Original Color**  
824B64

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
6B5760

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 824B64 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 #824B64 looks like.

```
.text, #text, p{  
    color:#824B64  
}
```

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 #824B64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #824B64  
}
```

## Border

The CSS property to change the border of an element to Hex 824B64 is called "border". The border property can be set on classes, ids or directly on the HTML element.

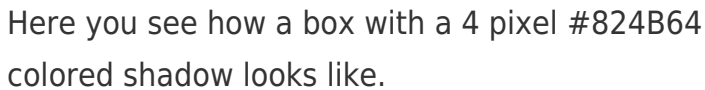
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#824B64 }
```

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

```
.border{ border-color:#824B64 }
```

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



Here you see how a box with a 4 pixel #824B64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #824B64; -webkit-box-shadow:4px 4px  
4px 4px #824B64; box-shadow:4px 4px 4px  
4px #824B64 }
```

# Background

The CSS property to change the background color of an element to Hex 824B64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#824B64 }
```

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

```
.background{ background-color:#824B64 }
```

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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