

# Converting Colors

Hex(8B4E6B)

Have a look what the booklet for  
Hex(8B4E6B) contains.

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# Color

**Hex(8B4E6B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B4E6B
RGB	139, 78, 107
RGB Percent	55%, 31%, 42%
CMY	0.4549, 0.6941, 0.5804
CMYK	0.00, 0.44, 0.23, 0.45
HSL	331°, 28%, 43%
HSV	331°, 44%, 55%
XYZ	16.0257, 11.9993, 15.3814
YIQ	99.5450, 27.0470, 21.9510

# Conversions

## Conversions Part 2

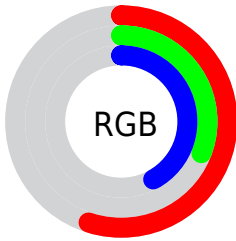
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 78, 107
Decimal	9129579
CIE Lab	41.21, 29.61, -5.52
CIE LCh	41, 30.118, 349.448
Yxy	11.9993, 0.3692, 0.2764
Android (android.graphics.Color)	4287319659 (0xFF8B4E6B)
YUV	99.5450, 3.6753, 34.6020
Hunter-Lab	34.6400, 21.9605, -2.0788

# Details

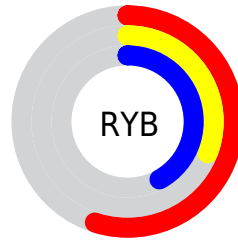
The Hex color **8B4E6B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4E8B6E**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **C2809E**, and **571E3C** is the 20% darker color. If you saturate the color by 10%, you get **8B4064**, and if you desaturate by 10%, it is **8B5C72**.

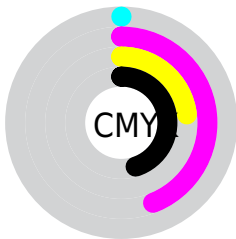
# Distribution



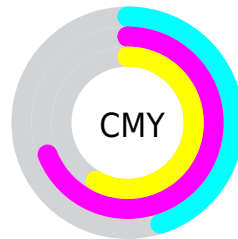
- Red (55%)
- Green (31%)
- Blue (42%)



- Red (55%)
- Yellow (31%)
- Blue (42%)



- Cyan (0%)
- Magenta (44%)
- Yellow (23%)
- Black (45%)



- Cyan (45%)
- Magenta (69%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B4E6B 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 8B4E6B by changing the saturation by 10% instead.



8B4E6B

8B4E6B

FFFFFF

713653

C2809E

571E3C

DE9BB9

3E0626

FBB6D5

2A0011

FFD2F1

000000

FFEEFF

8B4E6B

8B4E6B

8B4064

8B5C72

8B325C

8B6A7A

 8B2455

 8B7881

 8B164E

 8B8688

 8B0947

 8B938F

 8B0042

 8BA197

 8BAF9E

 8BBDA5

 8BCBAD

# Harmonies

## Analogous

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



775582



8B4E6B



904E52

# Triad

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



8B4E6B



616531



006C86

# Complementary

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



8B4E6B



4E8B6E

# 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.



006E71



8B4E6B



446A40

# Square

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



8B4E6B



785D30



1D6D57



246691

# Rectangle

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



8B4E6B



8D5143



1D6D57



006D80



# Sweetspot

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



8B4E6B



B59EA9



6E4E8B



5C4D54



DBDBDB



5C5C5C



# Same Dimension

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



8B4E6B



B55583



8B4F4E



453E41



85003F



050002



# Inverse Universe

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



8B4E6B



B55583



4E8A8B



453E41



85003F

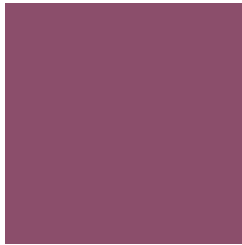


050002



# Previews

## White Background



This preview shows how the Hex color 8B4E6B looks on a white background.

## Color Contrast Check

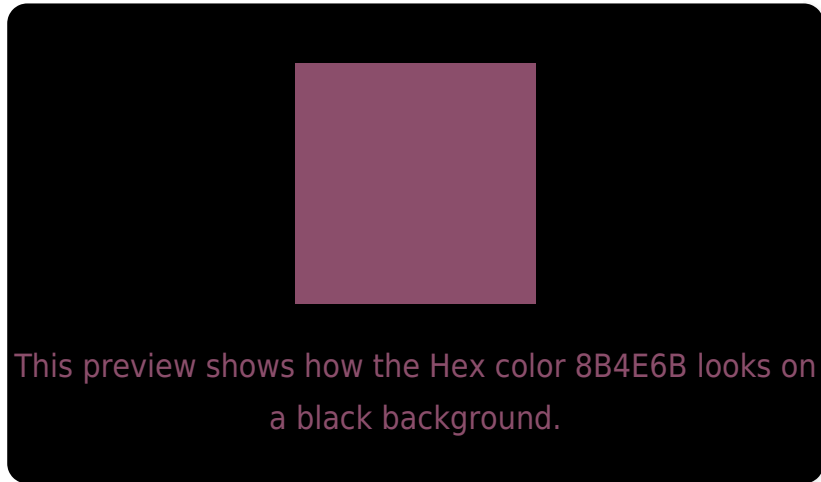
Large Text (above 18pt) WCAG AA ✓ Pass

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

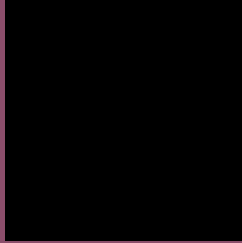
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B4E6B Background



This preview shows how black text looks on a background with the Hex color 8B4E6B.




This preview shows how white text looks on a background with the Hex color 8B4E6B.

# 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**  
895258

# Trichromacy



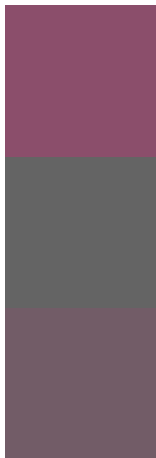
**Original Color**  
8B4E6B

**Protanomaly**  
6E5A73

**Deuteranomaly**  
755969

**Tritanomaly**  
8A515F

# Monochromacy



**Original Color**  
8B4E6B

**Achromatopsia**  
646464

**Achromatomaly**  
725C67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B4E6B 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 #8B4E6B looks like.

```
.text, #text, p{  
    color:#8B4E6B  
}
```

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 #8B4E6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B4E6B
}
```

## Border

The CSS property to change the border of an element to Hex 8B4E6B is called "border". The border property can be set on classes, ids or directly on the HTML element.

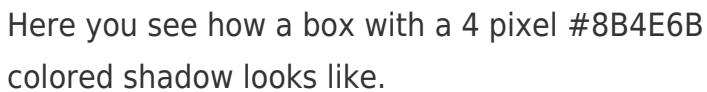
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B4E6B }
```

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

```
.border{ border-color:#8B4E6B }
```

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



Here you see how a box with a 4 pixel #8B4E6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B4E6B; -webkit-box-shadow:4px 4px  
4px 4px #8B4E6B; box-shadow:4px 4px 4px  
4px #8B4E6B }
```

# Background

The CSS property to change the background color of an element to Hex 8B4E6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B4E6B }
```

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

```
.background{ background-color:#8B4E6B }
```

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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