

# Converting Colors

Hex(8B6577)

Have a look what the booklet for  
Hex(8B6577) contains.

<b>Hex(8B6577)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(8B6577)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B6577
RGB	139, 101, 119
RGB Percent	55%, 40%, 47%
CMY	0.4549, 0.6039, 0.5333
CMYK	0.00, 0.27, 0.14, 0.45
HSL	332°, 16%, 47%
HSV	332°, 27%, 55%
XYZ	18.6309, 16.1282, 19.5839
YIQ	114.4140, 16.8700, 13.6540

# Conversions

## Conversions Part 2

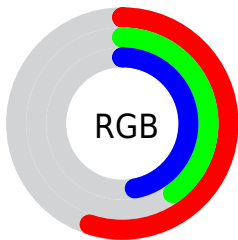
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 101, 119
Decimal	9135479
CIE Lab	47.14, 18.28, -4.03
CIE LCh	47, 18.722, 347.571
Yxy	16.1282, 0.3428, 0.2968
Android (android.graphics.Color)	4287325559 (0xFF8B6577)
YUV	114.4140, 2.2609, 21.5619
Hunter-Lab	40.1600, 12.5293, -0.8006

# Details

The Hex color **8B6577** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **658B79**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **C198AB**, and **583647** is the 20% darker color. If you saturate the color by 10%, you get **8B5770**, and if you desaturate by 10%, it is **8B737E**.

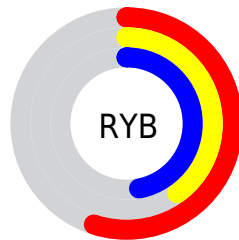
# Distribution



Red (55%)

Green (40%)

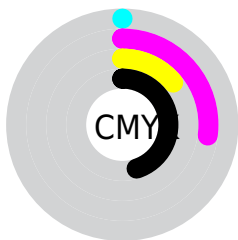
Blue (47%)



Red (55%)

Yellow (40%)

Blue (47%)

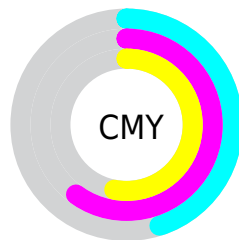


Cyan (0%)

Magenta (27%)

Yellow (14%)

Black (45%)



Cyan (45%)

Magenta (60%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B6577 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 8B6577 by changing the saturation by 10% instead.





8B6577



8B6577

FFFFFF



714D5E



C198AB



583647



DDB3C6



402030



FACFE2



290B1B



FFEBFF



0F0000



000000



8B6577



8B6577



8B5770



8B737E



8B4968



8B8186

 8B3B61

 8B8F8D

 8B2D5A

 8B9D94

 8B2052

 8BAA9C

 8B124B

 8BB8A3

 8B0444

 8BC6AA

 8B0042

 8BD4B2

 8BE2B9

# Harmonies

## Analogous

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



7D6985



8B6577



906567

# Triad

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



8B6577



727252



447786

# Complementary

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



8B6577



658B79

# 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.



437979



8B6577



60765A

# Square

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



8B6577



816D51



4E7868



54738E

# Rectangle

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



8B6577



8E665D



4E7868



427882



# Sweetspot

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



8B6577



B5A7AD



79658B



5C5357



DBDBDB



5C5C5C



# Same Dimension

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



8B6577



B57996



8B6665



453E41



85003F



050002



# Inverse Universe

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



8B6577



B57996



658A8B



453E41



85003F

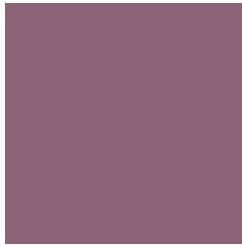


050002



# Previews

## White Background



This preview shows how the Hex color 8B6577 looks on a white background.

## Color Contrast Check

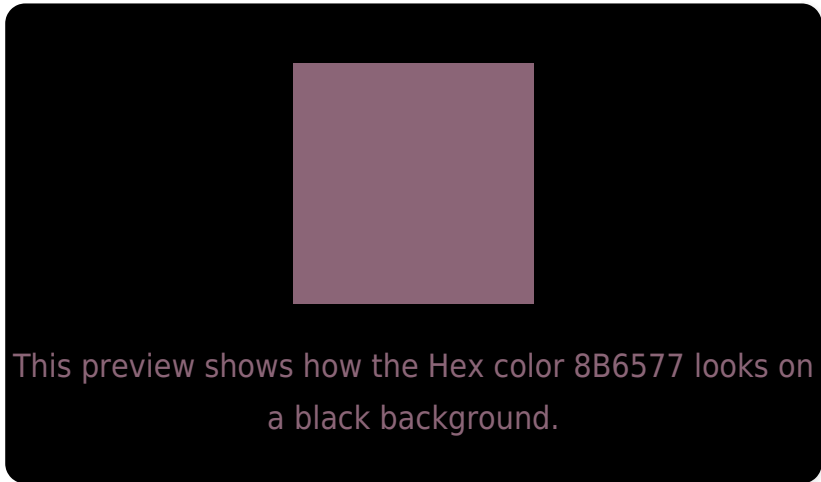
Large Text (above 18pt) WCAG AA ✓ Pass

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

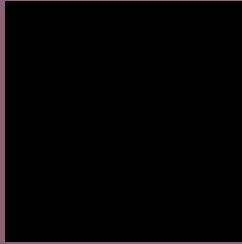
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B6577 Background



This preview shows how black text looks on a background with the Hex color 8B6577.



This preview shows how white text looks on a background with the Hex color 8B6577.

# 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**  
8B6577

**Protanopia**  
6E6F7D

**Deuteranopia**  
786D76



**Tritanopia**  
8A666E

# Trichromacy



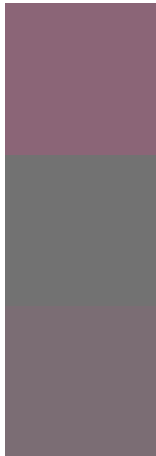
**Original Color**  
8B6577

**Protanomaly**  
796B7B

**Deuteranomaly**  
7F6A76

**Tritanomaly**  
8A6671

# Monochromacy



**Original Color**  
8B6577

**Achromatopsia**  
727272

**Achromatomaly**  
7B6D74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B6577 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 #8B6577 looks like.

```
.text, #text, p{  
    color:#8B6577  
}
```

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 #8B6577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B6577
}
```

## Border

The CSS property to change the border of an element to Hex 8B6577 is called "border". The border property can be set on classes, ids or directly on the HTML element.

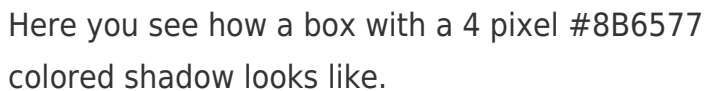
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B6577 }
```

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

```
.border{ border-color:#8B6577 }
```

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



Here you see how a box with a 4 pixel #8B6577 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B6577; -webkit-box-shadow:4px 4px  
4px 4px #8B6577; box-shadow:4px 4px 4px  
4px #8B6577 }
```

# Background

The CSS property to change the background color of an element to Hex 8B6577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B6577 }
```

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

```
.background{ background-color:#8B6577 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor