

# Converting Colors

Hex(B4957E)

Have a look what the booklet for  
Hex(B4957E) contains.

<b>Hex(B4957E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(B4957E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4957E
RGB	180, 149, 126
RGB Percent	71%, 58%, 49%
CMY	0.2941, 0.4157, 0.5059
CMYK	0.00, 0.17, 0.30, 0.29
HSL	26°, 26%, 60%
HSV	26°, 30%, 71%
XYZ	33.3357, 32.7045, 24.2943
YIQ	155.6470, 25.8590, -0.5810

# Conversions

## Conversions Part 2

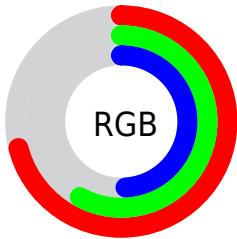
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 166, 126
Decimal	11834750
CIELab	63.92, 8.12, 16.49
CIELCh	64, 18.382, 63.776
Yxy	32.7045, 0.3690, 0.3620
Android (android.graphics.Color)	4290024830 (0xFFB4957E)
YUV	155.6470, -14.6160, 21.3576
Hunter-Lab	57.1879, 3.9717, 14.8442

# Details

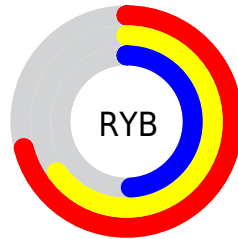
The Hex color **B4957E** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **7E9DB4**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **EDCBB3**, and **7E624D** is the 20% darker color. If you saturate the color by 10%, you get **B48B6C**, and if you desaturate by 10%, it is **B49F90**.

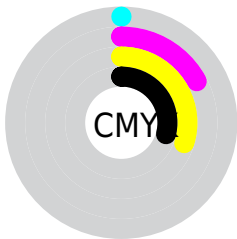
# Distribution



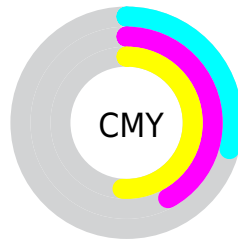
- Red (71%)
- Green (58%)
- Blue (49%)



- Red (71%)
- Yellow (65%)
- Blue (49%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (29%)



- Cyan (29%)
- Magenta (42%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4957E 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 B4957E by changing the saturation by 10% instead.





B4957E



B4957E

FFFFFF



997B65



EDCBB3



7E624D



FFE7CE



654A36



FFFFEB



4C3420



341F0A



1E0700



000000



B4957E



B4957E



B48B6C



B49F90

 B4805A

 B4AAA2

 B47648

 B4B4B4

 B46C36

 B4BEC6

 B46124

 B4C9D8

 B45712

 B4D3EA

 B44D00

 B4DDFC

 B4E8FF

 B4F2FF

# Harmonies

## Analogous

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



BC9189



B4957E



A59A7A

# Triad

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



B4957E



72A49C



A096B6

# Complementary

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



B4957E



7E9DB4

# 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.



8B9CBB



B4957E



6EA4AC

# Square

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



B4957E



81A38C



77A0B8



B291AA

# Rectangle

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



B4957E



999E7D



77A0B8



9998B9



# Sweetspot

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



B4957E



EBDED5



B47E9D



756E68



F5F5F5



757575



# Same Dimension

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



B4957E



EBBA96



B4B07E



595450



994100



1A0B00



# Inverse Universe

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



7E9DB4



96C7EB



7E83B4



505559



005899



000F1A



# Previews

## White Background



This preview shows how the Hex color B4957E looks on a white background.

## Color Contrast Check

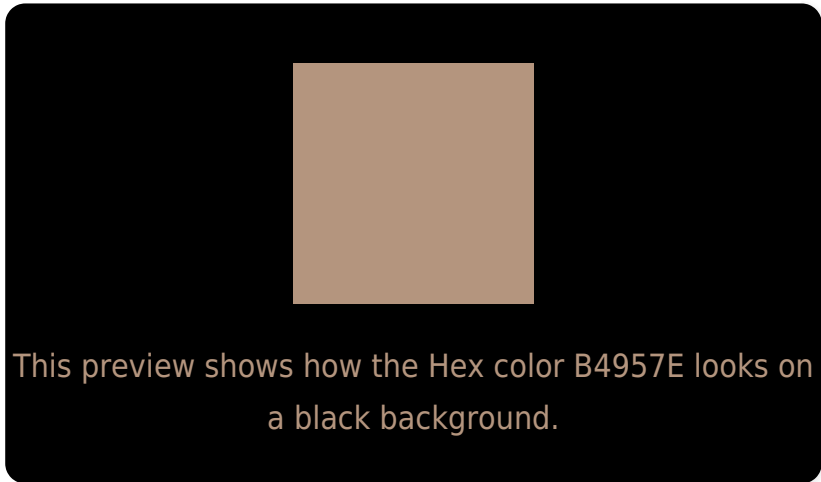
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex B4957E Background



This preview shows how black text looks on a background with the Hex color B4957E.

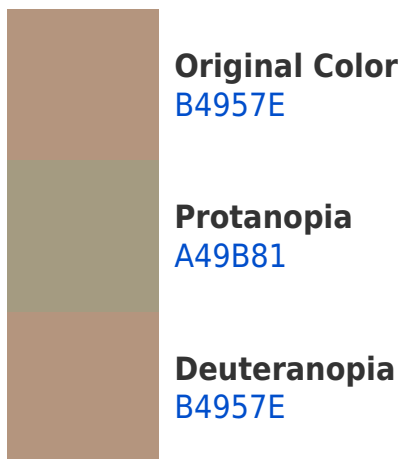


This preview shows how white text looks on a background with the Hex color B4957E.

# 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**  
B7919C

# Trichromacy



**Original Color**  
B4957E

**Protanomaly**  
AA9980

**Deuteranomaly**  
B4957E

**Tritanomaly**  
B69291

# Monochromacy



**Original Color**  
B4957E

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
A59991

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4957E 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 #B4957E looks like.

```
.text, #text, p{  
    color:#B4957E  
}
```

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 #B4957E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4957E
}
```

## Border

The CSS property to change the border of an element to Hex B4957E 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
#B4957E }
```

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

```
.border{ border-color:#B4957E }
```

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

Here you see how a box with a 4 pixel #B4957E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4957E; -webkit-box-shadow:4px 4px  
4px 4px #B4957E; box-shadow:4px 4px 4px  
4px #B4957E }
```

# Background

The CSS property to change the background color of an element to Hex B4957E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4957E }
```

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

```
.background{ background-color:#B4957E }
```

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