

Converting Colors

Hex(B1757B)

Have a look what the booklet for
Hex(B1757B) contains.

Hex(B1757B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B1757B)

Conversions

Conversions Part 1

Format	Color
Hex	B1757B
RGB	177, 117, 123
RGB Percent	69%, 46%, 48%
CMY	0.3059, 0.5412, 0.5176
CMYK	0.00, 0.34, 0.31, 0.31
HSL	354°, 28%, 58%
HSV	354°, 34%, 69%
XYZ	28.0679, 23.4998, 21.7955
YIQ	135.6240, 33.8340, 14.5860

Conversions

Conversions Part 2

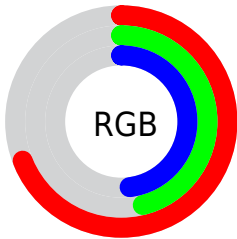
Format	Color
R_{YB}	177, 117, 123
Decimal	11629947
CIE _{Lab}	55.58, 24.41, 6.43
CIE _{LCh}	56, 25.244, 14.746
Yxy	23.4998, 0.3826, 0.3203
Android (android.graphics.Color)	4289820027 (0xFFB1757B)
YUV	135.6240, -6.2236, 36.2868
Hunter-Lab	48.4765, 18.5175, 7.2763

Details

The Hex color **B1757B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **75B1AB**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **EAAAAF**, and **7B444A** is the 20% darker color. If you saturate the color by 10%, you get **B1636B**, and if you desaturate by 10%, it is **B1878B**.

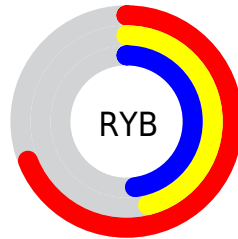
Distribution



Red (69%)

Green (46%)

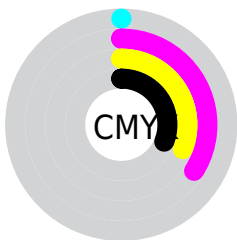
Blue (48%)



Red (69%)

Yellow (46%)

Blue (48%)

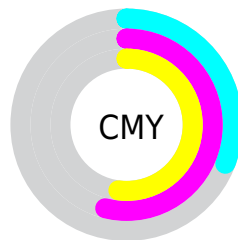


Cyan (0%)

Magenta (34%)

Yellow (31%)

Black (31%)



Cyan (31%)


Magenta (54%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1757B 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 B1757B by changing the saturation by 10% instead.

 B1757B

 B1757B

FFFFFF

 955C62

 EAAAAF

 7B444A

 FFC5CB

 612D34

 FFE1E7

 47161F

FFFEFF

 300006

 0E0000

 000000

 B1757B

 B1757B

 B1636B

 B1878B

 B1525B

 B1989B

 B1404B

 B1AAAB

 B12E3B

 B1BCBB

 B11D2B

 B1CECB

 B10B1B

 B1DFDB

 B10012

 B1F1EB

 B1FFFA

 B1FFFF

Harmonies

Analogous

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



A97691



B1757B



AD7967

Triad

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



B1757B



718D65



588BAF

Complementary

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



B1757B



75B1AB

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.



418FA3



B1757B



579079

Square

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



B1757B



8A875A



43918F



7883AF

Rectangle

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



B1757B



A47D5E



43918F



4E8CAC

Sweetspot

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



B1757B



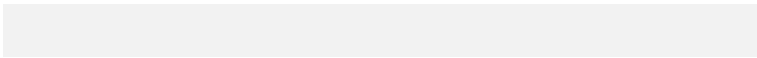
E6CFD1



AB75B1



736566



F2F2F2



737373

Same Dimension

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



B1757B



E68791



B18D75



595051



99000F



1A0003

Inverse Universe

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



B1757B



E68791



7599B1



595051



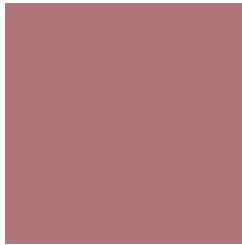
99000F



1A0003

Previews

White Background



This preview shows how the Hex color B1757B looks on a white background.

Color Contrast Check

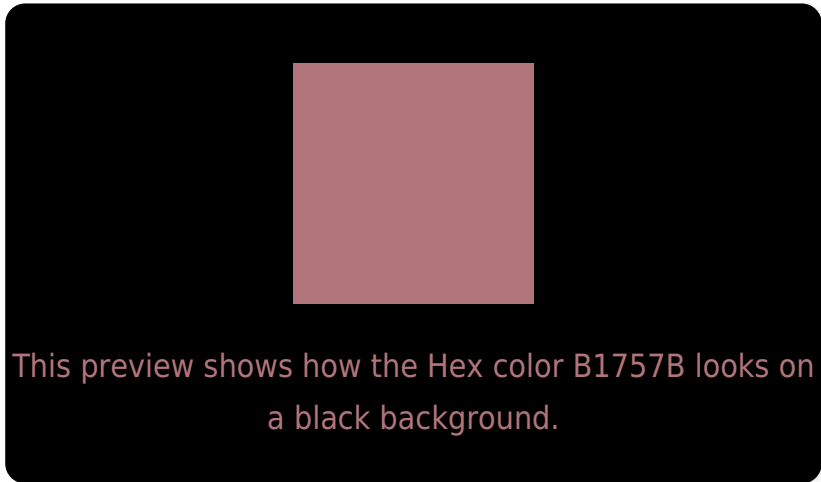
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

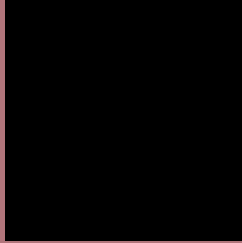
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex B1757B Background



This preview shows how black text looks on a background with the Hex color B1757B.

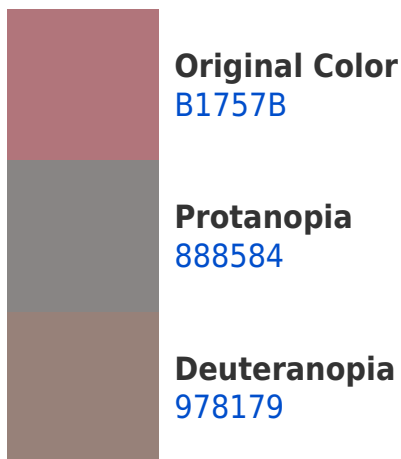


This preview shows how white text looks on a background with the Hex color B1757B.

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
B1757D

Trichromacy



Original Color
B1757B

Protanomaly
977F81

Deuteranomaly
A07D7A

Tritanomaly
B1757C

Monochromacy



Original Color
B1757B

Achromatopsia
888888

Achromatomaly
978183

CSS Examples

Text

The CSS property to change the color of the text to Hex B1757B 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 #B1757B looks like.

```
.text, #text, p{  
    color:#B1757B  
}
```

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 #B1757B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1757B  
}
```

Border

The CSS property to change the border of an element to Hex B1757B is called "border". The border property can be set on classes, ids or directly on the HTML element.

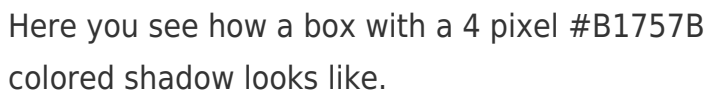
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B1757B }
```

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

```
.border{ border-color:#B1757B }
```

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



Here you see how a box with a 4 pixel #B1757B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1757B; -webkit-box-shadow:4px 4px  
4px 4px #B1757B; box-shadow:4px 4px 4px  
4px #B1757B }
```

Background

The CSS property to change the background color of an element to Hex B1757B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1757B }
```

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

```
.background{ background-color:#B1757B }
```

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