

Converting Colors

Hex(B16A7A)

Have a look what the booklet for
Hex(B16A7A) contains.

Hex(B16A7A)	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(B16A7A)

Conversions

Conversions Part 1

Format	Color
Hex	B16A7A
RGB	177, 106, 122
RGB Percent	69%, 42%, 48%
CMY	0.3059, 0.5843, 0.5216
CMYK	0.00, 0.40, 0.31, 0.31
HSL	346°, 31%, 55%
HSV	346°, 40%, 69%
XYZ	26.7983, 21.0603, 21.0650
YIQ	129.0530, 37.1800, 20.0280

Conversions

Conversions Part 2

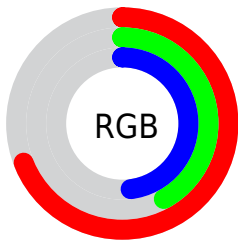
Format	Color
R_{YB}	177, 106, 122
Decimal	11627130
CIE _{Lab}	53.02, 30.38, 3.32
CIE _{LCh}	53, 30.564, 6.235
Yxy	21.0603, 0.3888, 0.3056
Android (android.graphics.Color)	4289817210 (0xFFB16A7A)
YUV	129.0530, -3.4771, 42.0495
Hunter-Lab	45.8915, 23.9249, 4.9090

Details

The Hex color **B16A7A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6AB1A1**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **EA9EAE**, and **7A394A** is the 20% darker color. If you saturate the color by 10%, you get **B1586C**, and if you desaturate by 10%, it is **B17C88**.

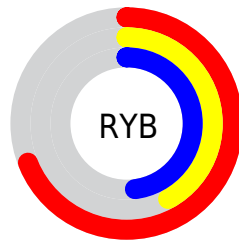
Distribution



Red (69%)

Green (42%)

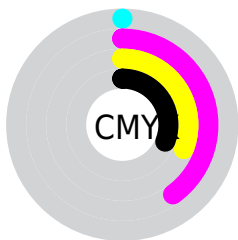
Blue (48%)



Red (69%)

Yellow (42%)

Blue (48%)

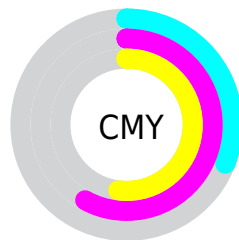


Cyan (0%)

Magenta (40%)

Yellow (31%)

Black (31%)



Cyan (31%)

Magenta (58%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color B16A7A 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 B16A7A by changing the saturation by 10% instead.

 B16A7A

 B16A7A

FFFFFF

 955161

 EA9EAE

 7A394A

 FFBACA

 602133

 FFD6E6

 46071E

 FFF2FF

 300004

 010000

 000000

 B16A7A

 B16A7A

 B1586C

 B17C88

 B1475F

 B18D95

 B13551

 B19FA3

 B12343

 B1B1B1

 B11135

 B1C3BF

 B10028

 B1D4CC

 B1E6DA

 B1F8E8

 B1FFF5

Harmonies

Analogous

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



A46D94



B16A7A



AF6E61

Triad

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



B16A7A



6E8653



3287AE

Complementary

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



B16A7A



6AB1A1

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.



068B9D



B16A7A



4E8B69

Square

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



B16A7A



8B7F4A



288D83



617FB3

Rectangle

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



B16A7A



A77354



288D83



2289AA

Sweetspot

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



B16A7A



E6CAD0



A06AB1



736366



F2F2F2



737373

Same Dimension

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



B16A7A



E67790



B17D6A



595052



990022



1A0006

Inverse Universe

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



B16A7A



E67790



6A9EB1



595052



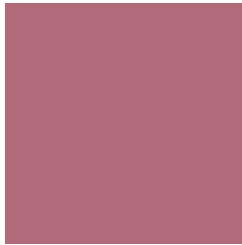
990022



1A0006

Previews

White Background



This preview shows how the Hex color B16A7A looks on a white background.

Color Contrast Check

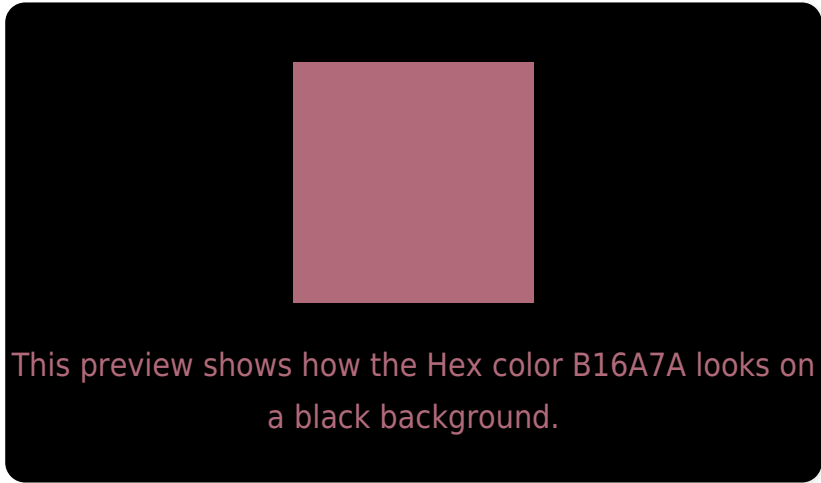
Large Text (above 18pt) WCAG AA ✓ Pass

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 B16A7A Background



This preview shows how black text looks on a background with the Hex color B16A7A.

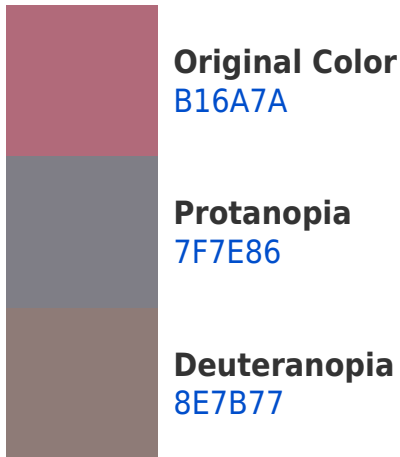



This preview shows how white text looks on a background with the Hex color B16A7A.

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
B06B73

Trichromacy



Original Color
B16A7A

Protanomaly
917782

Deuteranomaly
9B7578

Tritanomaly
B06B76

Monochromacy



Original Color
B16A7A

Achromatopsia
818181

Achromatomaly
92797E

CSS Examples

Text

The CSS property to change the color of the text to Hex B16A7A 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 #B16A7A looks like.

```
.text, #text, p{  
    color:#B16A7A  
}
```

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 #B16A7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B16A7A
}
```

Border

The CSS property to change the border of an element to Hex B16A7A 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
#B16A7A }
```

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

```
.border{ border-color:#B16A7A }
```

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

Here you see how a box with a 4 pixel #B16A7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B16A7A; -webkit-box-shadow:4px 4px  
4px 4px #B16A7A; box-shadow:4px 4px 4px  
4px #B16A7A }
```

Background

The CSS property to change the background color of an element to Hex B16A7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B16A7A }
```

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

```
.background{ background-color:#B16A7A }
```

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