

# Converting Colors

Hex(B16E71)

Have a look what the booklet for  
Hex(B16E71) contains.

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# Color

**Hex(B16E71)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B16E71
RGB	177, 110, 113
RGB Percent	69%, 43%, 44%
CMY	0.3059, 0.5686, 0.5569
CMYK	0.00, 0.38, 0.36, 0.31
HSL	357°, 30%, 56%
HSV	357°, 38%, 69%
XYZ	26.6880, 21.6912, 18.4030
YIQ	130.3750, 38.9690, 15.1370

# Conversions

## Conversions Part 2

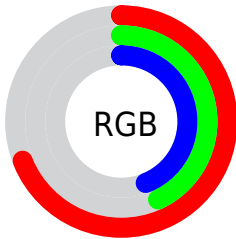
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	177, 110, 113
Decimal	11628145
CIE Lab	53.70, 26.99, 9.59
CIE LCh	54, 28.644, 19.559
Yxy	21.6912, 0.3996, 0.3248
Android (android.graphics.Color)	4289818225 (0xFFB16E71)
YUV	130.3750, -8.5659, 40.8901
Hunter-Lab	46.5738, 20.7809, 9.1741

# Details

The Hex color **B16E71** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6EB1AE**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **EAA2A5**, and **7A3D41** is the 20% darker color. If you saturate the color by 10%, you get **B15C60**, and if you desaturate by 10%, it is **B18082**.

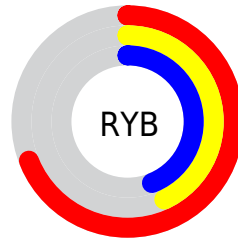
# Distribution



Red (69%)

Green (43%)

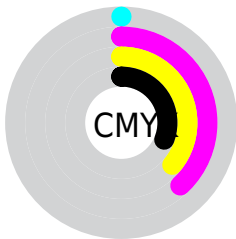
Blue (44%)



Red (69%)

Yellow (43%)

Blue (44%)

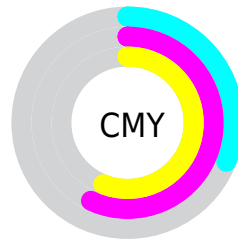


Cyan (0%)

Magenta (38%)

Yellow (36%)

Black (31%)



Cyan (31%)

Magenta (57%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B16E71 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 B16E71 by changing the saturation by 10% instead.



 B16E71

 B16E71

FFFFFF

 955559

 EAA2A5

 7A3D41

 FFBE00

 60262B

 FFDADC

 460E17

 FFF6F8

 2F0000

 000000

 B16E71

 B16E71

 B15C60

 B18082

 B14B4F

 B19193

 B1393E

 B1A3A4

 B1272D

 B1B5B5

 B1161C

 B1C7C6

 B1040C

 B1D8D6

 B10008

 B1EAE7

 B1FCF8

 B1FFFF

# Harmonies

## Analogous

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



AB6E8A



B16E71



AA745C

# Triad

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



B16E71



648A60



4F85B0

# Complementary

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



B16E71



6EB1AE

# 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.



2B8BA5



B16E71



468D77

# Square

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



B16E71



818451



298E90



777DAF

# Rectangle

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



B16E71



9F7952



298E90



4288AE



# Sweetspot

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



B16E71



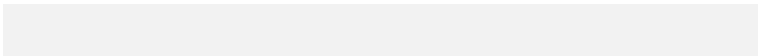
E6CCCD



AE6EB1



736465



F2F2F2



737373



# Same Dimension

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



B16E71



E67E83



B18C6E



595051



990007



1A0001



# Inverse Universe

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



B16E71



E67E83



6E93B1



595051



990007

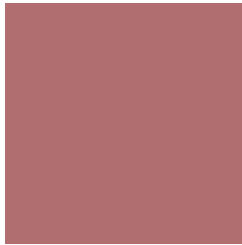


1A0001



# Previews

## White Background



This preview shows how the Hex color B16E71 looks on a white background.

## Color Contrast Check

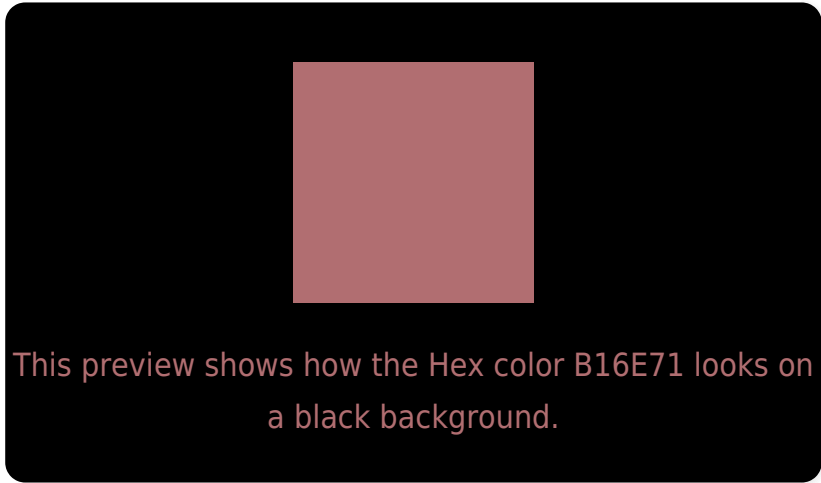
Large Text (above 18pt) WCAG AA ✓ Pass

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 B16E71 Background



This preview shows how black text looks on a background with the Hex color B16E71.




This preview shows how white text looks on a background with the Hex color B16E71.

# 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**  
B16D75

# Trichromacy



**Original Color**  
B16E71

**Protanomaly**  
947977

**Deuteranomaly**  
9F7770

**Tritanomaly**  
B16D74

# Monochromacy



**Original Color**  
B16E71

**Achromatopsia**  
828282

**Achromatomaly**  
937B7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B16E71 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 #B16E71 looks like.

```
.text, #text, p{  
    color:#B16E71  
}
```

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 #B16E71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B16E71
}
```

## Border

The CSS property to change the border of an element to Hex B16E71 is called "border". The border property can be set on classes, ids or directly on the HTML element.

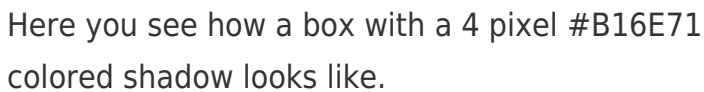
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B16E71 }
```

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

```
.border{ border-color:#B16E71 }
```

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



Here you see how a box with a 4 pixel #B16E71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B16E71; -webkit-box-shadow:4px 4px  
4px 4px #B16E71; box-shadow:4px 4px 4px  
4px #B16E71 }
```

# Background

The CSS property to change the background color of an element to Hex B16E71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B16E71 }
```

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

```
.background{ background-color:#B16E71 }
```

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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