

# Converting Colors

Hex(B1738E)

Have a look what the booklet for  
Hex(B1738E) contains.

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# Color

Hex(**B1738E**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B1738E</a>
RGB	<a href="#">177, 115, 142</a>
RGB Percent	<a href="#">69%, 45%, 56%</a>
CMY	<a href="#">0.3059, 0.5490, 0.4431</a>
CMYK	<a href="#">0.00, 0.35, 0.20, 0.31</a>
HSL	<a href="#">334°, 28%, 57%</a>
HSV	<a href="#">334°, 35%, 69%</a>
XYZ	<a href="#">29.1447, 23.5616, 28.6029</a>
YIQ	<a href="#">136.6160, 28.2850, 21.5410</a>

# Conversions

## Conversions Part 2

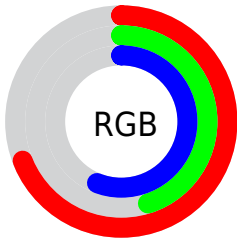
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	177, 115, 142
Decimal	11629454
CIE <sub>Lab</sub>	55.65, 28.35, -4.56
CIE <sub>LCh</sub>	56, 28.711, 350.858
Yxy	23.5616, 0.3584, 0.2898
Android (android.graphics.Color)	4289819534 (0xFFB1738E)
YUV	136.6160, 2.6543, 35.4168
Hunter-Lab	48.5403, 22.2300, -0.9592

# Details

The Hex color **B1738E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **73B196**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **EAA8C4**, and **7B425C** is the 20% darker color. If you saturate the color by 10%, you get **B16184**, and if you desaturate by 10%, it is **B18598**.

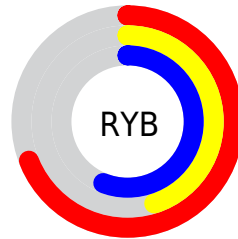
# Distribution



Red (69%)

Green (45%)

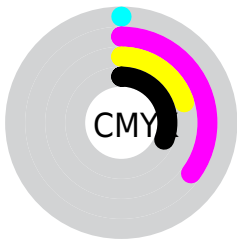
Blue (56%)



Red (69%)

Yellow (45%)

Blue (56%)

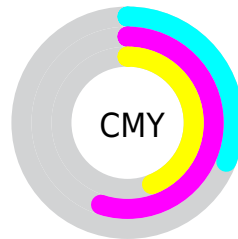


Cyan (0%)

Magenta (35%)

Yellow (20%)

Black (31%)



Cyan (31%)

Magenta (55%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1738E 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 B1738E by changing the saturation by 10% instead.



 B1738E

 B1738E


FFFFFF

 965A74

 EAA8C4

 7B425C

 FFC3E0

 612A44

 FFDFFC

 48132E

 FFFCFF

 30001A

 150000

 000000

 B1738E

 B1738E

 B16184

 B18598

 B1507A

 B196A2

 B13E70

 B1A8AC

 B12C66

 B1BAB6

 B11A5C

 B1CBC0

 B10952

 B1DDCA

 B1004D

 B1EFD4

 B1FFDE

 B1FFE8

# Harmonies

## Analogous

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



9D79A5



B1738E



B77375

# Triad

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



B1738E



848956



3390AB

# Complementary

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



B1738E



73B196

# 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.



2F9396



B1738E



688F65

# Square

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



B1738E



9D8154



49927D



568AB6

# Rectangle

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



B1738E



B37666



49927D



2C91A5



# Sweetspot

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



B1738E



E6CCD7



9573B1



73646A



F2F2F2



737373



# Same Dimension

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



B1738E



E685AF



B17673



595054



990043



1A000B



# Inverse Universe

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



B1738E



E685AF



73AEB1



595054



990043

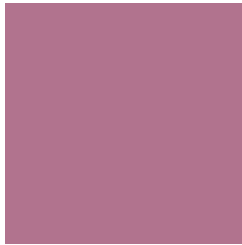


1A000B



# Previews

## White Background



This preview shows how the Hex color B1738E looks on a white background.

## Color Contrast Check

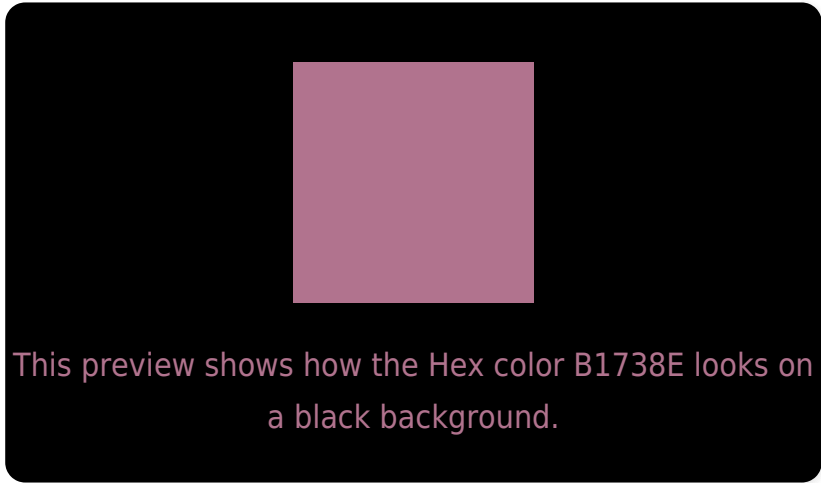
Large Text (above 18pt) WCAG AA ✓ Pass

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

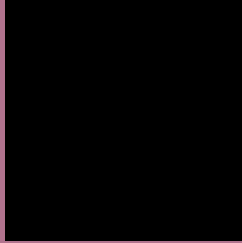
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B1738E Background



This preview shows how black text looks on a background with the Hex color B1738E.




This preview shows how white text looks on a background with the Hex color B1738E.

# 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**  
AF767F

# Trichromacy



**Original Color**  
B1738E

**Protanomaly**  
937E95

**Deuteranomaly**  
9C7D8C

**Tritanomaly**  
B07584

# Monochromacy



**Original Color**  
B1738E

**Achromatopsia**  
898989

**Achromatomaly**  
98818B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1738E 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 #B1738E looks like.

```
.text, #text, p{  
    color:#B1738E  
}
```

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 #B1738E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1738E
}
```

## Border

The CSS property to change the border of an element to Hex B1738E is called "border". The border property can be set on classes, ids or directly on the HTML element.

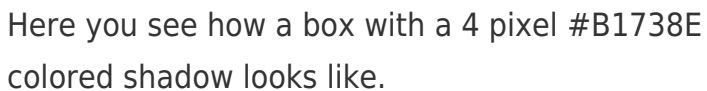
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B1738E }
```

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

```
.border{ border-color:#B1738E }
```

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



Here you see how a box with a 4 pixel #B1738E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1738E; -webkit-box-shadow:4px 4px  
4px 4px #B1738E; box-shadow:4px 4px 4px  
4px #B1738E }
```

# Background

The CSS property to change the background color of an element to Hex B1738E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1738E }
```

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

```
.background{ background-color:#B1738E }
```

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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