

# Converting Colors

Hex(B38695)

Have a look what the booklet for  
Hex(B38695) contains.

<b>Hex(B38695)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B38695)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B38695
RGB	179, 134, 149
RGB Percent	70%, 53%, 58%
CMY	0.2980, 0.4745, 0.4157
CMYK	0.00, 0.25, 0.17, 0.30
HSL	340°, 23%, 61%
HSV	340°, 25%, 70%
XYZ	32.5403, 28.8038, 32.2784
YIQ	149.1650, 22.0050, 14.2050

# Conversions

## Conversions Part 2

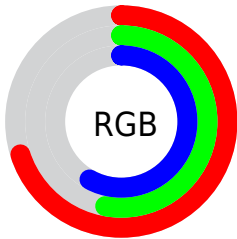
Format	Color
R <sub>Y</sub> B	179, 134, 149
Decimal	11765397
CIE Lab	60.61, 19.57, -1.27
CIE LCh	61, 19.616, 356.278
Yxy	28.8038, 0.3476, 0.3077
Android (android.graphics.Color)	4289955477 (0xFFB38695)
YUV	149.1650, -0.0813, 26.1653
Hunter-Lab	53.6692, 14.3057, 1.9095

# Details

The Hex color **B38695** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86B3A4**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **EBBCCB**, and **7E5462** is the 20% darker color. If you saturate the color by 10%, you get **B37489**, and if you desaturate by 10%, it is **B398A1**.

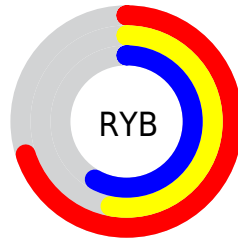
# Distribution



Red (70%)

Green (53%)

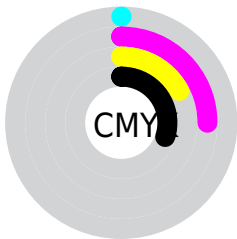
Blue (58%)



Red (70%)

Yellow (53%)

Blue (58%)

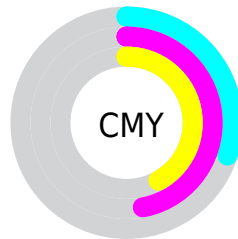


Cyan (0%)

Magenta (25%)

Yellow (17%)

Black (30%)



Cyan (30%)

Magenta (47%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B38695 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 B38695 by changing the saturation by 10% instead.



 B38695

 B38695

FFFFFF

 986D7B

 EBBBCB

 7E5462

 FFD7E7

 643C4B

 FFF4FF

 4B2634

 34111F

 220006

 000000

 B38695

 B38695

 B37489

 B398A1

 B3627D

 B3AAAD

 B35071

 B3BCB9

 B33E65

 B3CEC5

 B32D59

 B3DFD1

 B31B4D

 B3F1DD

 B30941

 B3FFE9

 B3003C

 B3FFF4

 B3FFFF

# Harmonies

## Analogous

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



A789A6



B38695



B68784

# Triad

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



B38695



8F9673



6899AE

# Complementary

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



B38695



86B3A4

# 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.



619CA1



B38695



7B9A7E

# Square

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



B38695



A19070



6A9C8F



7B94B4

# Rectangle

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



B38695



B2897A



6A9C8F



649AAB



# Sweetspot

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



B38695



E8D5DC



A486B3



756A6D



F5F5F5



757575



# Same Dimension

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



B38695



E8A2BA



B38E86



595053



990033



1A0009



# Inverse Universe

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



B38695



E8A2BA



86ABB3



595053



990033

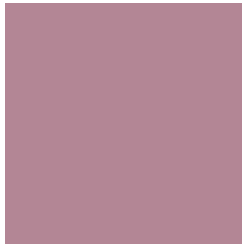


1A0009



# Previews

## White Background



This preview shows how the Hex color B38695 looks on a white background.

## Color Contrast Check

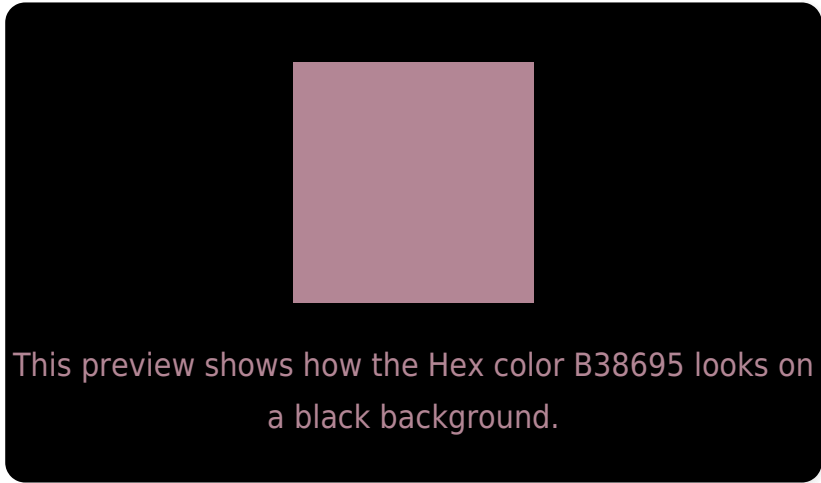
Large Text (above 18pt) WCAG AA ✓ Pass

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

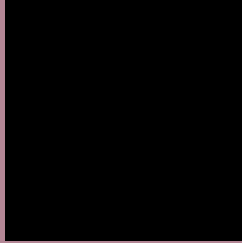
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B38695 Background



This preview shows how black text looks on a background with the Hex color B38695.



This preview shows how white text looks on a background with the Hex color B38695.

# 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



**Original Color**  
B38695

**Protanopia**  
92929C

**Deuteranopia**  
A08E94



**Tritanopia**  
B38791

# Trichromacy



**Original Color**  
B38695

**Protanomaly**  
9E8E99

**Deuteranomaly**  
A78B94

**Tritanomaly**  
B38792

# Monochromacy



**Original Color**  
B38695

**Achromatopsia**  
959595

**Achromatomaly**  
A09095

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B38695 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 #B38695 looks like.

```
.text, #text, p{  
    color:#B38695  
}
```

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 #B38695 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B38695  
}
```

## Border

The CSS property to change the border of an element to Hex B38695 is called "border". The border property can be set on classes, ids or directly on the HTML element.

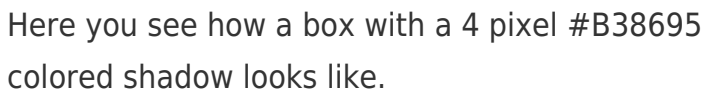
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B38695 }
```

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

```
.border{ border-color:#B38695 }
```

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



Here you see how a box with a 4 pixel #B38695 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B38695; -webkit-box-shadow:4px 4px  
4px 4px #B38695; box-shadow:4px 4px 4px  
4px #B38695 }
```

# Background

The CSS property to change the background color of an element to Hex B38695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B38695 }
```

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

```
.background{ background-color:#B38695 }
```

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