

# Converting Colors

Hex(B86998)

Have a look what the booklet for  
Hex(B86998) contains.

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**Color**

**Hex(B86998)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B86998</a>
RGB	<a href="#">184, 105, 152</a>
RGB Percent	<a href="#">72%, 41%, 60%</a>
CMY	<a href="#">0.2784, 0.5882, 0.4039</a>
CMYK	<a href="#">0.00, 0.43, 0.17, 0.28</a>
HSL	<a href="#">324°, 36%, 57%</a>
HSV	<a href="#">324°, 43%, 72%</a>
XYZ	<a href="#">30.4862, 22.5605, 32.4536</a>
YIQ	<a href="#">133.9790, 31.9970, 31.3650</a>

# Conversions

## Conversions Part 2

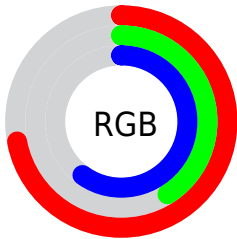
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 105, 152
Decimal	12085656
CIELab	54.62, 37.88, -11.84
CIELCh	55, 39.688, 342.636
Yxy	22.5605, 0.3566, 0.2639
Android (android.graphics.Color)	4290275736 (0xFFB86998)
YUV	133.9790, 8.8844, 43.8684
Hunter-Lab	47.4979, 31.4478, -7.2622

# Details

The Hex color **B86998** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **69B889**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **F19ECE**, and **813765** is the 20% darker color. If you saturate the color by 10%, you get **B85791**, and if you desaturate by 10%, it is **B87B9F**.

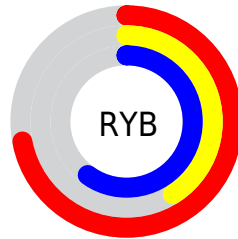
# Distribution



Red (72%)

Green (41%)

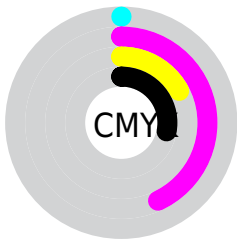
Blue (60%)



Red (72%)

Yellow (41%)

Blue (60%)

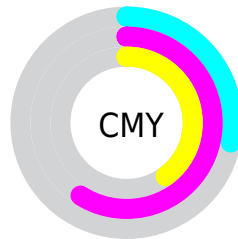


Cyan (0%)

Magenta (43%)

Yellow (17%)

Black (28%)



Cyan (28%)

Magenta (59%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B86998 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 B86998 by changing the saturation by 10% instead.



 B86998

 B86998

FFFFFF

 9C507E

 F19ECE

 813765

 FFB9EB

 671D4D

 FFD6FF

 4D0036

 FFF2FF

 350021

 1B0007

 000000

 B86998

 B86998

 B85791

 B87B9F

 B84489

 B88EA7

 B83282

 B8A0AE

 B81F7A

 B8B3B6

 B80D73

 B8C5BD

 B8006D

 B8D7C5

 B8EACC

 B8FCD4

 B8FFDB

# Harmonies

## Analogous

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



9874B5



B86998



C46675

# Triad

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



B86998



89853D



0092B0

# Complementary

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



B86998



69B889

# 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.



009491



B86998



638E4E

# Square

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



B86998



A87A41



30936D



008CC4

# Rectangle

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



B86998



C16A5F



30936D



0093A7



# Sweetspot

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



B86998



F0D1E3



8969B8



786570



F7F7F7



787878



# Same Dimension

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



B86998



F073BD



B86971



5C5358



9C005D



1C0011



# Inverse Universe

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



B86998



F073BD



69B8B0



5C5358



9C005D



1C0011



# Previews

## White Background



This preview shows how the Hex color B86998 looks on a white background.

## Color Contrast Check

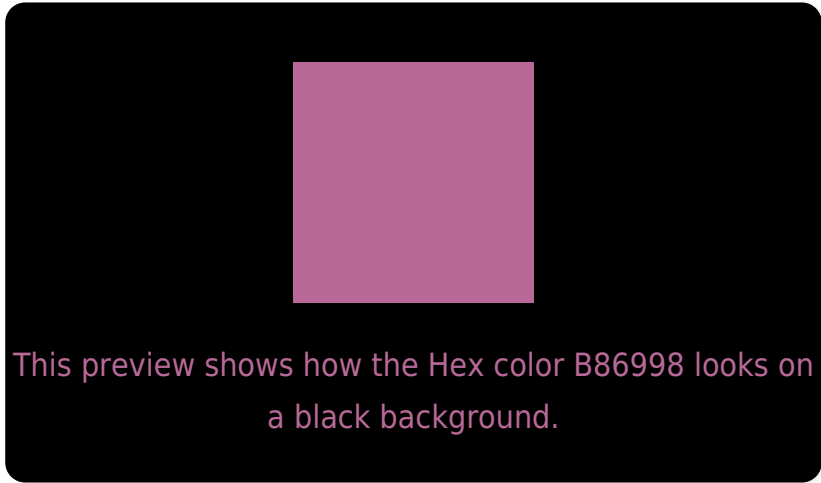
Large Text (above 18pt) WCAG AA ✓ Pass

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

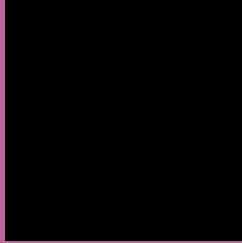
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B86998 Background



This preview shows how black text looks on a background with the Hex color B86998.




This preview shows how white text looks on a background with the Hex color B86998.

# 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**  
B56F78

# Trichromacy



**Original Color**  
B86998



**Protanomaly**  
9079A3



**Deuteranomaly**  
997895

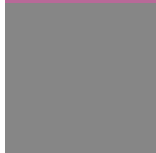


**Tritanomaly**  
B66D84

# Monochromacy



**Original Color**  
B86998



**Achromatopsia**  
868686



**Achromatomaly**  
987B8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B86998 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 #B86998 looks like.

```
.text, #text, p{  
    color:#B86998  
}
```

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 #B86998 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B86998  
}
```

## Border

The CSS property to change the border of an element to Hex B86998 is called "border". The border property can be set on classes, ids or directly on the HTML element.

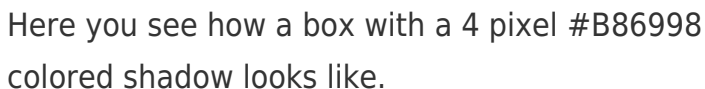
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B86998 }
```

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

```
.border{ border-color:#B86998 }
```

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



Here you see how a box with a 4 pixel #B86998 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B86998; -webkit-box-shadow:4px 4px  
4px 4px #B86998; box-shadow:4px 4px 4px  
4px #B86998 }
```

# Background

The CSS property to change the background color of an element to Hex B86998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B86998 }
```

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

```
.background{ background-color:#B86998 }
```

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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