

# Converting Colors

Hex(B96698)

Have a look what the booklet for  
Hex(B96698) contains.

<b>Hex(B96698)</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(B96698)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B96698</a>
RGB	<a href="#">185, 102, 152</a>
RGB Percent	<a href="#">73%, 40%, 60%</a>
CMY	<a href="#">0.2745, 0.6000, 0.4039</a>
<a href="#">CMYK</a>	<a href="#">0.00, 0.45, 0.18, 0.27</a>
HSL	<a href="#">324°, 37%, 56%</a>
HSV	<a href="#">324°, 45%, 73%</a>
XYZ	<a href="#">30.4265, 22.0840, 32.3648</a>
YIQ	<a href="#">132.5170, 33.4180, 33.1460</a>

# Conversions

## Conversions Part 2

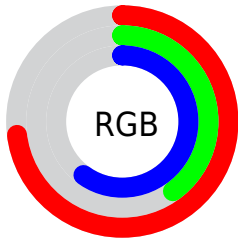
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 102, 152
Decimal	12150424
CIE <sub>Lab</sub>	54.12, 39.81, -12.59
CIE <sub>LCh</sub>	54, 41.755, 342.458
Yxy	22.0840, 0.3585, 0.2602
Android (android.graphics.Color)	4290340504 (0xFFB96698)
YUV	132.5170, 9.6051, 46.0276
Hunter-Lab	46.9936, 33.3325, -7.9378

# Details

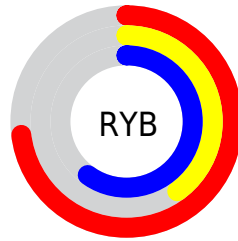
The Hex color **B96698** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **66B987**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **F39BCE**, and **823365** is the 20% darker color. If you saturate the color by 10%, you get **B95491**, and if you desaturate by 10%, it is **B9799F**.

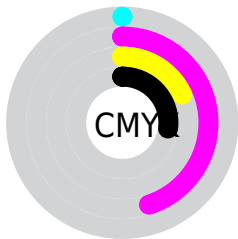
# Distribution



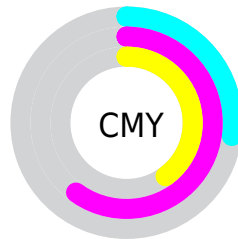
- Red (73%)
- Green (40%)
- Blue (60%)



- Red (73%)
- Yellow (40%)
- Blue (60%)



- Cyan (0%)
- Magenta (45%)
- Yellow (18%)
- Black (27%)



- Cyan (27%)
- Magenta (60%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B96698 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 B96698 by changing the saturation by 10% instead.



 B96698

 B96698

FFFFFF

 9D4C7E

 F39BCE

 823365

 FFB6EB

 67194D

 FFD3FF

 4D0036

 FFEFFF

 350021

 1A0007

 000000

 B96698

 B96698

 B95491

 B9799F

 B94189

 B98BA7

 B92F82

 B99DAE

 B91C7B

 B9B0B5

 B90973

 B9C3BD

 B9006F

 B9D5C4

 B9E8CB

 B9FAD3

 B9FFDA

# Harmonies

## Analogous

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



9872B7



B96698



C56374

# Triad

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



B96698



888438



0092B1

# Complementary

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



B96698



66B987

# 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.



009490



B96698



608D4A

# Square

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



B96698



A8783C



26926A



008BC6

# Rectangle

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



B96698



C3675D



26926A



0093A7



# Sweetspot

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



B96698



F0D1E3



8666B9



786570



F7F7F7



787878



# Same Dimension

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



B96698



F06EBC



B96670



5C5358



9C005E



1C0011



# Inverse Universe

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



B96698



F06EBC



66B9AF



5C5358



9C005E

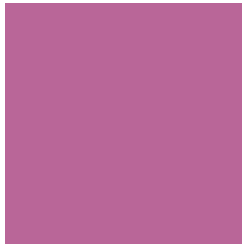


1C0011



# Previews

## White Background



This preview shows how the Hex color B96698 looks on a white background.

## Color Contrast Check

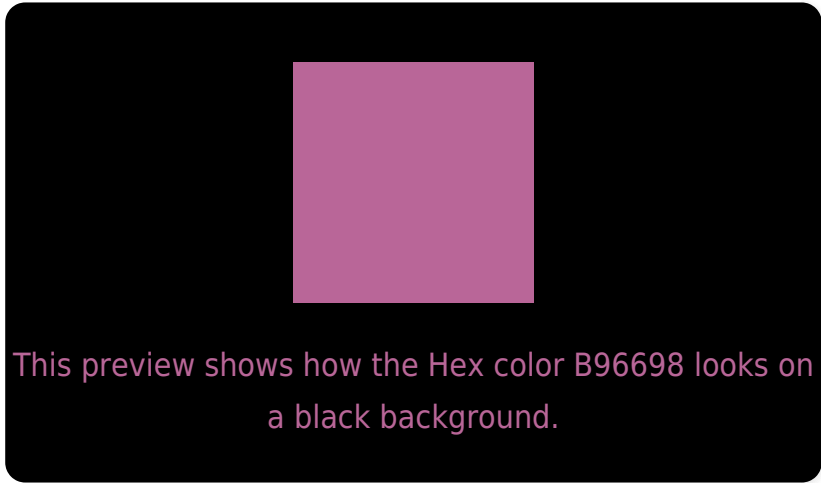
Large Text (above 18pt) WCAG AA ✓ Pass

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

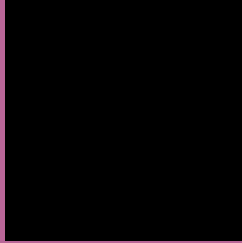
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B96698 Background



This preview shows how black text looks on a background with the Hex color B96698.




This preview shows how white text looks on a background with the Hex color B96698.

# 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**  
B56D75

# Trichromacy



**Original Color**  
B96698



**Protanomaly**  
8F77A3



**Deuteranomaly**  
997695



**Tritanomaly**  
B66A82

# Monochromacy



**Original Color**  
B96698



**Achromatopsia**  
858585



**Achromatomaly**  
987A8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B96698 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 #B96698 looks like.

```
.text, #text, p{  
    color:#B96698  
}
```

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 #B96698 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B96698
}
```

## Border

The CSS property to change the border of an element to Hex B96698 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
#B96698 }
```

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

```
.border{ border-color:#B96698 }
```

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

Here you see how a box with a 4 pixel #B96698 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B96698; -webkit-box-shadow:4px 4px  
4px 4px #B96698; box-shadow:4px 4px 4px  
4px #B96698 }
```

# Background

The CSS property to change the background color of an element to Hex B96698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B96698 }
```

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

```
.background{ background-color:#B96698 }
```

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