

# Converting Colors

Hex(B96D86)

Have a look what the booklet for  
Hex(B96D86) contains.

|  |    |
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# Color

Hex(**B96D86**)

# Conversions

## Conversions Part 1

| <b>Format</b>        | <b>Color</b>                               |
|----------------------|--|
| Hex                  | <a href="#">B96D86</a>                     |
| RGB                  | <a href="#">185, 109, 134</a>              |
| RGB Percent          | <a href="#">73%, 43%, 53%</a>              |
| CMY                  | <a href="#">0.2745, 0.5725, 0.4745</a>     |
| <a href="#">CMYK</a> | <a href="#">0.00, 0.41, 0.28, 0.27</a>     |
| HSL                  | <a href="#">340°, 35%, 58%</a>             |
| HSV                  | <a href="#">340°, 41%, 73%</a>             |
| XYZ                  | <a href="#">29.7793, 22.9728, 25.4189</a>  |
| YIQ                  | <a href="#">134.5740, 37.2710, 23.8870</a> |

# Conversions

## Conversions Part 2

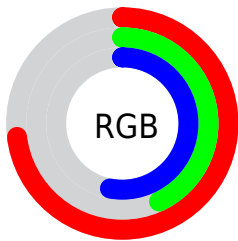
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 185, 109, 134                 |
| Decimal                             | 12152198                      |
| CIE Lab                             | 55.04, 33.37, -0.66           |
| CIE LCh                             | 55, 33.377, 358.870           |
| Yxy                                 | 22.9728, 0.3810,<br>0.2939    |
| Android<br>(android.graphics.Color) | 4290342278<br>(0xFFB96D86)    |
| YUV                                 | 134.5740, -0.2830,<br>44.2236 |
| Hunter-Lab                          | 47.9299, 27.0262,<br>2.1074   |

# Details

The Hex color **B96D86** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **6DB9A0**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **F3A2BB**, and **823B55** is the 20% darker color. If you saturate the color by 10%, you get **B95A7A**, and if you desaturate by 10%, it is **B98092**.

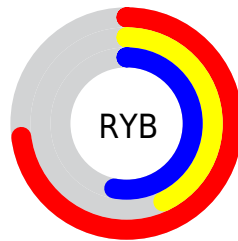
# Distribution



Red (73%)

Green (43%)

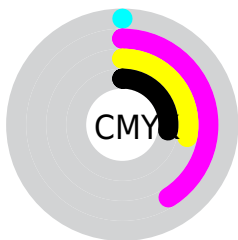
Blue (53%)



Red (73%)

Yellow (43%)

Blue (53%)

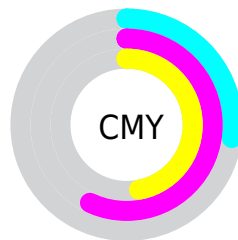


Cyan (0%)

Magenta (41%)

Yellow (28%)

Black (27%)



Cyan (27%)

Magenta (57%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B96D86 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 B96D86 by changing the saturation by 10% instead.



 B96D86

 B96D86

FFFFFF

 9D546D

 F3A2BB

 823B55

 FFBDD7

 67233D

 FFD9F3

 4D0828

 FFF6FF

 350013

 190001

 000000

 B96D86

 B96D86

 B95A7A

 B98092

 B9486D

 B9929F

 B93661

 B9A5AB

 B92354

 B9B7B8

 B91048

 B9CAC4

 B9003D

 B9DCD0

 B9EEDD

 B9FFE9

 B9FFF6

# Harmonies

## Analogous

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



A773A2



B96D86



BB6F69

# Triad

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



B96D86



7A8A50



158FB5

# Complementary

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



B96D86



6DB9A0

# 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.



00929F



B96D86



579065

# Square

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



B96D86



978249



2C9382



5687BD

# Rectangle

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



B96D86



B47459



2C9382



0090AE



# Sweetspot

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



B96D86



F0D3DC



A06DB9



78676D



F7F7F7



787878



# Same Dimension

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



B96D86



F07AA1



B97A6D



5C5356



9C0033



1C0009



# Inverse Universe

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



B96D86



F07AA1



6DACB9



5C5356



9C0033

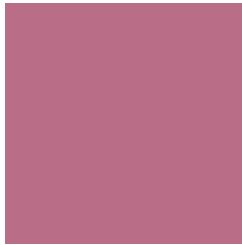


1C0009



# Previews

## White Background



This preview shows how the Hex color B96D86 looks on a white background.

## Color Contrast Check

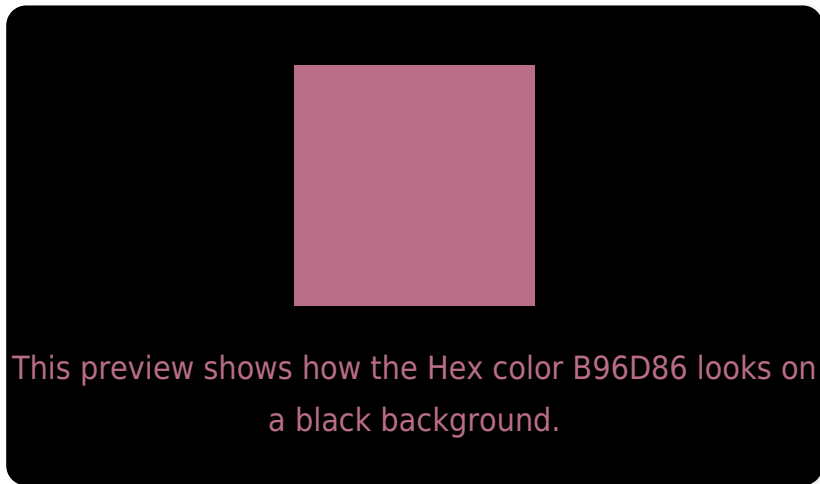
Large Text (above 18pt) WCAG AA ✓ Pass

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 B96D86 Background



This preview shows how black text looks on a background with the Hex color B96D86.

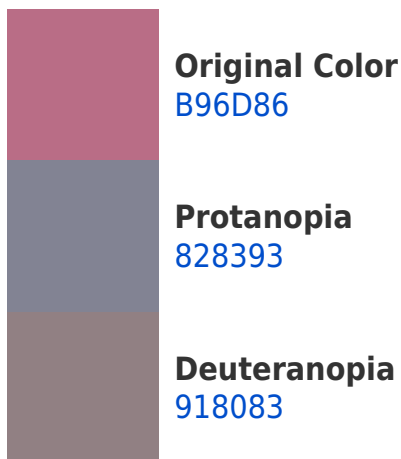


This preview shows how white text looks on a background with the Hex color B96D86.

# 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**  
B87078

# Trichromacy



**Original Color**  
B96D86

**Protanomaly**  
967B8E

**Deuteranomaly**  
A07984

**Tritanomaly**  
B86F7D

# Monochromacy



**Original Color**  
B96D86

**Achromatopsia**  
878787

**Achromatomaly**  
997E87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B96D86 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 #B96D86 looks like.

```
.text, #text, p{  
    color:#B96D86  
}
```

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 #B96D86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B96D86
}
```

## Border

The CSS property to change the border of an element to Hex B96D86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

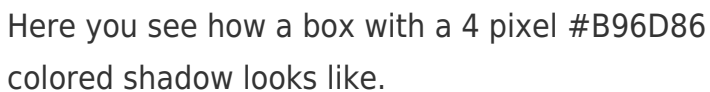
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B96D86 }
```

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

```
.border{ border-color:#B96D86 }
```

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



Here you see how a box with a 4 pixel #B96D86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B96D86; -webkit-box-shadow:4px 4px  
4px 4px #B96D86; box-shadow:4px 4px 4px  
4px #B96D86 }
```

# Background

The CSS property to change the background color of an element to Hex B96D86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B96D86 }
```

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

```
.background{ background-color:#B96D86 }
```

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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