

Converting Colors

Hex(B96F83)

Have a look what the booklet for
Hex(B96F83) contains.

Hex(B96F83)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B96F83)

Conversions

Conversions Part 1

Format	Color
Hex	B96F83
RGB	185, 111, 131
RGB Percent	73%, 44%, 51%
CMY	0.2745, 0.5647, 0.4863
CMYK	0.00, 0.40, 0.29, 0.27
HSL	344°, 35%, 58%
HSV	344°, 40%, 73%
XYZ	29.7888, 23.3219, 24.4043
YIQ	135.4060, 37.6840, 21.9080

Conversions

Conversions Part 2

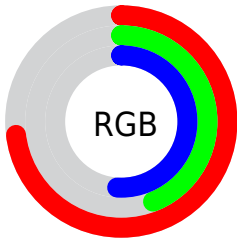
Format	Color
RYB	185, 111, 131
Decimal	12152707
CIELab	55.40, 31.86, 1.62
CIELCh	55, 31.904, 2.910
Yxy	23.3219, 0.3843, 0.3009
Android (android.graphics.Color)	4290342787 (0xFFB96F83)
YUV	135.4060, -2.1722, 43.4939
Hunter-Lab	48.2927, 25.5933, 3.8433

Details

The Hex color **B96F83** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6FB9A5**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **F3A4B8**, and **823D52** is the 20% darker color. If you saturate the color by 10%, you get **B95D76**, and if you desaturate by 10%, it is **B98291**.

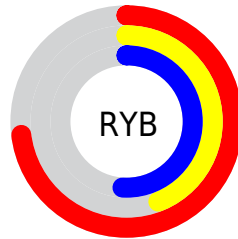
Distribution



Red (73%)

Green (44%)

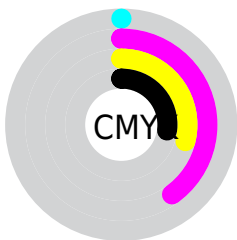
Blue (51%)



Red (73%)

Yellow (44%)

Blue (51%)

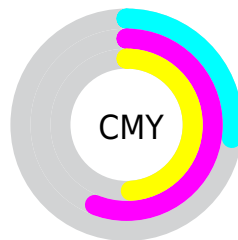


Cyan (0%)

Magenta (40%)

Yellow (29%)

Black (27%)



Cyan (27%)

Magenta (56%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color B96F83 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 B96F83 by changing the saturation by 10% instead.

 B96F83

 B96F83

FFFFFF

 9D566A

 F3A4B8

 823D52

 FFbfd4

 67253B

 FFDBF0

 4D0C25

 FFF8FF

 350010

 190001

 000000

 B96F83

 B96F83

 B95D76

 B98291

 B94A68

 B9949E

 B9385A

 B9A7AB

 B9254D

 B9B9B9

 B9123F

 B9CCC6

 B90032

 B9DED4

 B9F1E2

 B9FFEF

 B9FFFD

Harmonies

Analogous

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



AA739E



B96F83



B97268

Triad

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



B96F83



778C55



2E8EB5

Complementary

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



B96F83



6FB9A5

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.



0193A2



B96F83



55916B

Square

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



B96F83



94844D



2E9387



6186BC

Rectangle

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



B96F83



B1775A



2E9387



1B90B0

Sweetspot

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



B96F83



F0D3DB



A46FB9



78676C



F7F7F7



787878

Same Dimension

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



B96F83



F07D9C



B97F6F



5C5355



9C002A



1C0008

Inverse Universe

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



B96F83



F07D9C



6FA9B9



5C5355



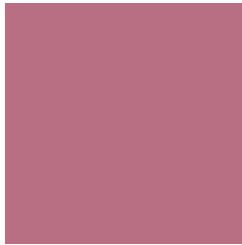
9C002A



1C0008

Previews

White Background



This preview shows how the Hex color B96F83 looks on a white background.

Color Contrast Check

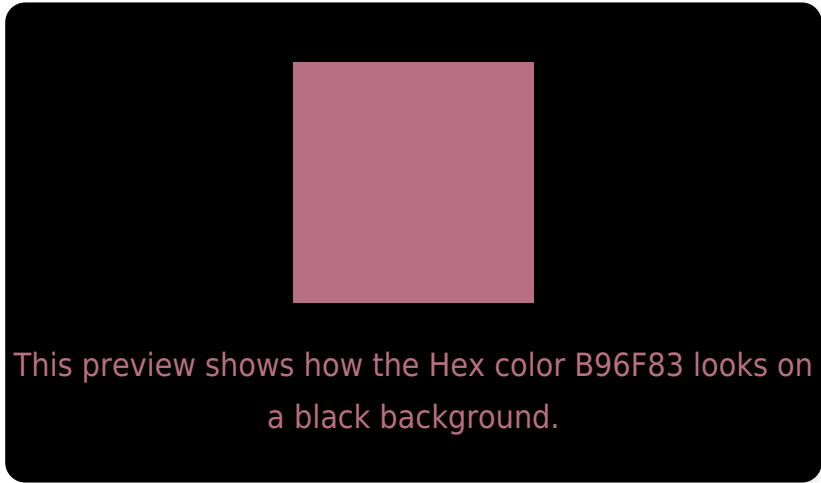
Large Text (above 18pt) WCAG AA ✓ Pass

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 B96F83 Background



This preview shows how black text looks on a background with the Hex color B96F83.



This preview shows how white text looks on a background with the Hex color B96F83.

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
B96F83

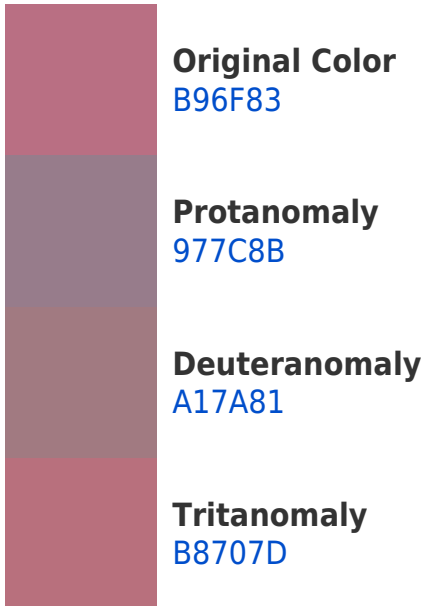
Protanopia
84848F

Deuteranopia
948180



Tritanopia
B87179

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B96F83 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 #B96F83 looks like.

```
.text, #text, p{  
    color:#B96F83  
}
```

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 #B96F83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B96F83
}
```

Border

The CSS property to change the border of an element to Hex B96F83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

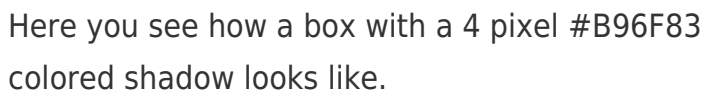
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B96F83 }
```

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

```
.border{ border-color:#B96F83 }
```

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



Here you see how a box with a 4 pixel #B96F83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B96F83; -webkit-box-shadow:4px 4px  
4px 4px #B96F83; box-shadow:4px 4px 4px  
4px #B96F83 }
```

Background

The CSS property to change the background color of an element to Hex B96F83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B96F83 }
```

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

```
.background{ background-color:#B96F83 }
```

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