

# Converting Colors

Hex(B96180)

Have a look what the booklet for  
Hex(B96180) contains.

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**Color**

**Hex(B96180)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B96180</a>
RGB	<a href="#">185, 97, 128</a>
RGB Percent	<a href="#">73%, 38%, 50%</a>
CMY	<a href="#">0.2745, 0.6196, 0.4980</a>
CMYK	<a href="#">0.00, 0.48, 0.31, 0.27</a>
HSL	<a href="#">339°, 39%, 55%</a>
HSV	<a href="#">339°, 48%, 73%</a>
XYZ	<a href="#">28.1786, 20.4222, 22.8788</a>
YIQ	<a href="#">126.8460, 42.4970, 28.2970</a>

# Conversions

## Conversions Part 2

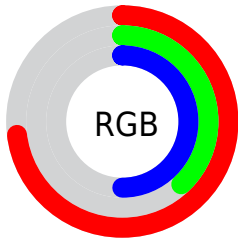
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 97, 128
Decimal	12149120
CIE Lab	52.31, 38.95, -1.12
CIE LCh	52, 38.970, 358.348
Yxy	20.4222, 0.3942, 0.2857
Android (android.graphics.Color)	4290339200 (0xFFB96180)
YUV	126.8460, 0.5689, 51.0011
Hunter-Lab	45.1909, 32.2186, 1.6169

# Details

The Hex color **B96180** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **61B99A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **F396B5**, and **812E4F** is the 20% darker color. If you saturate the color by 10%, you get **B94E74**, and if you desaturate by 10%, it is **B9738C**.

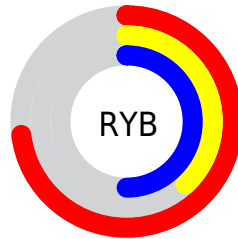
# Distribution



Red (73%)

Green (38%)

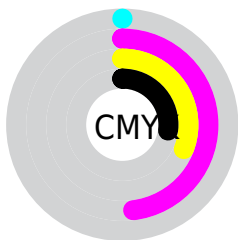
Blue (50%)



Red (73%)

Yellow (38%)

Blue (50%)

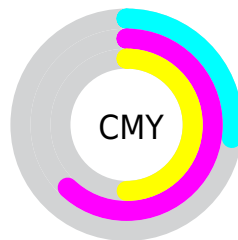


Cyan (0%)

Magenta (48%)

Yellow (31%)

Black (27%)



Cyan (27%)

Magenta (62%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B96180 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 B96180 by changing the saturation by 10% instead.



 B96180

 B96180

FFFFFF

 9D4867

 F396B5

 812E4F

 FFB1D0

 661338

 FFCDEC

 4C0023

 FFEAFF

 34000D

 0F0000

 000000

 B96180

 B96180


 B94E74

 B9738C

 B93C68

 B98698

 B9295C

 B999A4

 B91750

 B9ABB0

 B90444

 B9BDBC

 B90041

 B9D0C8

 B9E3D4

 B9F5E0

 B9FFEC

# Harmonies

## Analogous

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



A468A0



B96180



BB645F

# Triad

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



B96180



718440



0089B5

# Complementary

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



B96180



61B99A

# 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.



008D9B



B96180



478B58

# Square

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



B96180



927A38



008E7A



3D81BF

# Rectangle

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



B96180



B36A4C



008E7A



008BAE



# Sweetspot

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



B96180



F0CEDA



9961B9



78636B



F7F7F7



787878



# Same Dimension

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



B96180



F06797



B96D61



5C5356



9C0037



1C000A



# Inverse Universe

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



B96180



F06797



61ADB9



5C5356



9C0037



1C000A



# Previews

## White Background



This preview shows how the Hex color B96180 looks on a white background.

## Color Contrast Check

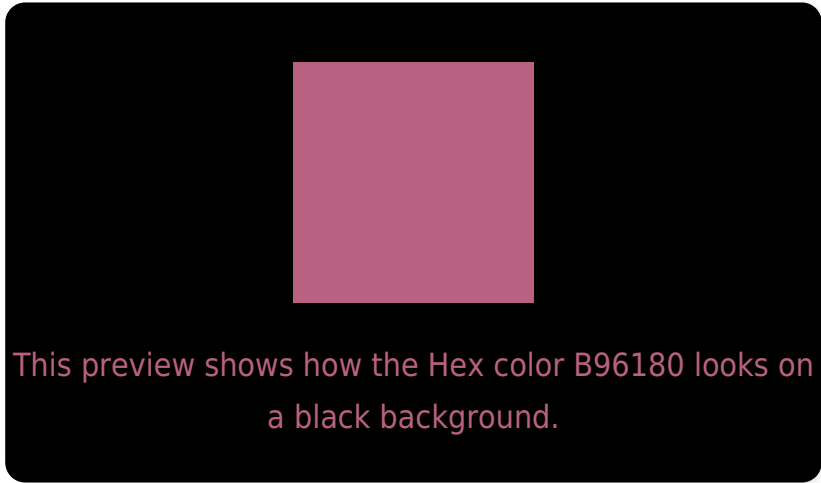
Large Text (above 18pt) WCAG AA ✓ Pass

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

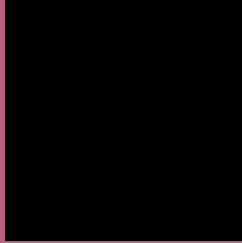
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B96180 Background



This preview shows how black text looks on a background with the Hex color B96180.




This preview shows how white text looks on a background with the Hex color B96180.

# 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](#).

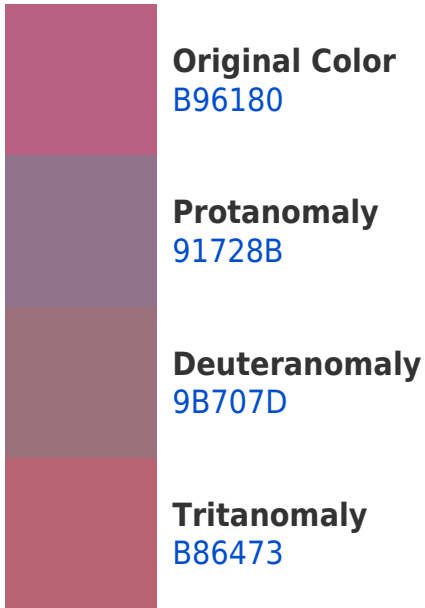
## Dichromacy





**Tritanopia**  
B7656C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B96180 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 #B96180 looks like.

```
.text, #text, p{  
    color:#B96180  
}
```

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 #B96180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B96180
}
```

## Border

The CSS property to change the border of an element to Hex B96180 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
#B96180 }
```

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

```
.border{ border-color:#B96180 }
```

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

Here you see how a box with a 4 pixel #B96180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B96180; -webkit-box-shadow:4px 4px  
4px 4px #B96180; box-shadow:4px 4px 4px  
4px #B96180 }
```

# Background

The CSS property to change the background color of an element to Hex B96180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B96180 }
```

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

```
.background{ background-color:#B96180 }
```

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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