

# Converting Colors

Hex(BD6A94)

Have a look what the booklet for  
Hex(BD6A94) contains.

<b>Hex(BD6A94)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(BD6A94)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD6A94
RGB	189, 106, 148
RGB Percent	74%, 42%, 58%
CMY	0.2588, 0.5843, 0.4196
CMYK	0.00, 0.44, 0.22, 0.26
HSL	330°, 39%, 58%
HSV	330°, 44%, 74%
XYZ	31.4856, 23.2650, 30.8481
YIQ	135.6050, 35.9860, 30.6580

# Conversions

## Conversions Part 2

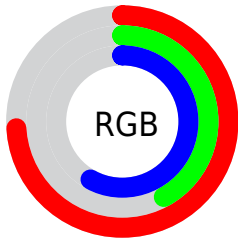
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 106, 148
Decimal	12413588
CIE <sub>Lab</sub>	55.34, 38.44, -8.35
CIE <sub>LCh</sub>	55, 39.339, 347.746
Yxy	23.2650, 0.3678, 0.2718
Android (android.graphics.Color)	4290603668 (0xFFBD6A94)
YUV	135.6050, 6.1107, 46.8274
Hunter-Lab	48.2338, 32.1103, -4.1555

# Details

The Hex color **BD6A94** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **6ABD93**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **F79FCA**, and **863761** is the 20% darker color. If you saturate the color by 10%, you get **BD578B**, and if you desaturate by 10%, it is **BD7D9D**.

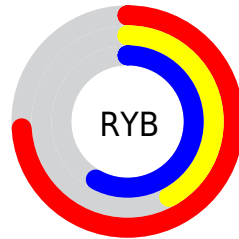
# Distribution



Red (74%)

Green (42%)

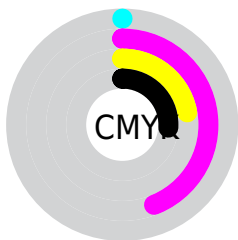
Blue (58%)



Red (74%)

Yellow (42%)

Blue (58%)

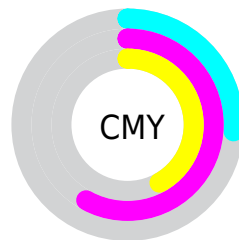


Cyan (0%)

Magenta (44%)

Yellow (22%)

Black (26%)



Cyan (26%)

Magenta (58%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD6A94 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 BD6A94 by changing the saturation by 10% instead.



 BD6A94

 BD6A94

FFFFFF

 A1507A

 F79FCA

 863761

 FFBBE6

 6B1E4A

 FFD7FF

 510033

 FFF4FF

 38001E

 200002

 000000

 BD6A94

 BD6A94

 BD578B

 BD7D9D

 BD4481

 BD90A7

 BD3178

 BDA3B0

 BD1E6F

 BDB6B9

 BD0C65

 BDC9C3

 BD0060

 BDDBBC

 BDEED5

 BDFFDF

 BDFFE8

# Harmonies

## Analogous

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



A174B3



BD6A94



C56972

# Triad

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



BD6A94



858941



0093B6

# Complementary

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



BD6A94



6ABD93

# 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.



009698



BD6A94



5E9155

# Square

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



BD6A94



A57E41



279575



238CC7

# Rectangle

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



BD6A94



C16E5D



279575



0095AD



# Sweetspot

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



BD6A94



F5D5E5



926ABD



7A6771



FAFAFA



7A7A7A



# Same Dimension

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



BD6A94



F573B5



BD6A6B



5E555A



9E0050



1F000F



# Inverse Universe

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



BD6A94



F573B5



6ABDBC



5E555A



9E0050

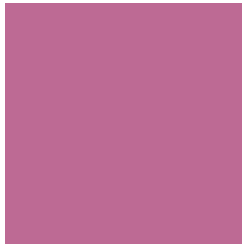


1F000F



# Previews

## White Background



This preview shows how the Hex color BD6A94 looks on a white background.

## Color Contrast Check

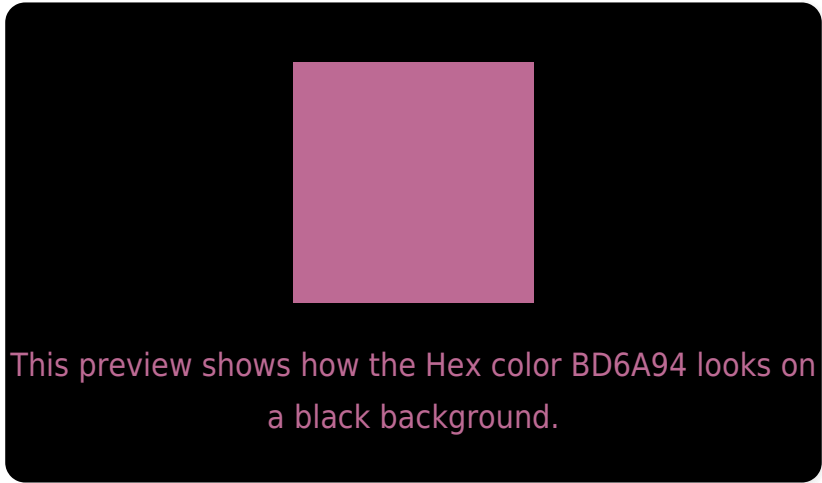
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD6A94 Background



This preview shows how black text looks on a background with the Hex color BD6A94.

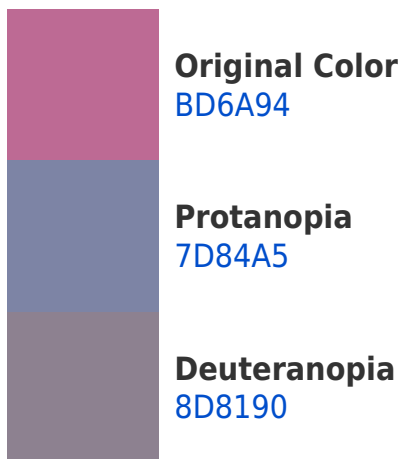


This preview shows how white text looks on a background with the Hex color BD6A94.

# 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**  
BA6F78

# Trichromacy



**Original Color**  
BD6A94



**Protanomaly**  
947B9F



**Deuteranomaly**  
9E7991



**Tritanomaly**  
BB6D82

# Monochromacy



**Original Color**  
BD6A94



**Achromatopsia**  
888888



**Achromatomaly**  
9B7D8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD6A94 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 #BD6A94 looks like.

```
.text, #text, p{  
    color:#BD6A94  
}
```

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 #BD6A94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD6A94
}
```

## Border

The CSS property to change the border of an element to Hex BD6A94 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
#BD6A94 }
```

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

```
.border{ border-color:#BD6A94 }
```

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

Here you see how a box with a 4 pixel #BD6A94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD6A94; -webkit-box-shadow:4px 4px  
4px 4px #BD6A94; box-shadow:4px 4px 4px  
4px #BD6A94 }
```

# Background

The CSS property to change the background color of an element to Hex BD6A94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD6A94 }
```

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

```
.background{ background-color:#BD6A94 }
```

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