

# Converting Colors

Hex(BD6893)

Have a look what the booklet for  
Hex(BD6893) contains.

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# Color

**Hex(BD6893)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD6893
RGB	189, 104, 147
RGB Percent	74%, 41%, 58%
CMY	0.2588, 0.5922, 0.4235
CMYK	0.00, 0.45, 0.22, 0.26
HSL	330°, 39%, 57%
HSV	330°, 45%, 74%
XYZ	31.2030, 22.8260, 30.3650
YIQ	134.3170, 36.8570, 31.3930

# Conversions

## Conversions Part 2

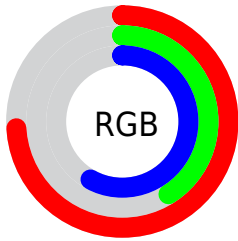
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 104, 147
Decimal	12413075
CIE <sub>Lab</sub>	54.89, 39.35, -8.44
CIE <sub>LCh</sub>	55, 40.246, 347.896
Yxy	22.8260, 0.3697, 0.2705
Android (android.graphics.Color)	4290603155 (0xFFBD6893)
YUV	134.3170, 6.2527, 47.9570
Hunter-Lab	47.7766, 32.9699, -4.2389

# Details

The Hex color **BD6893** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **68BD92**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **F79DC9**, and **863560** is the 20% darker color. If you saturate the color by 10%, you get **BD558A**, and if you desaturate by 10%, it is **BD7B9C**.

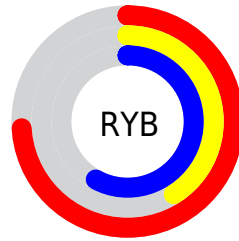
# Distribution



Red (74%)

Green (41%)

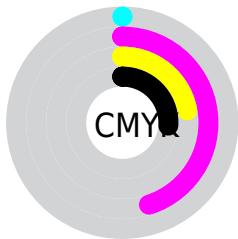
Blue (58%)



Red (74%)

Yellow (41%)

Blue (58%)

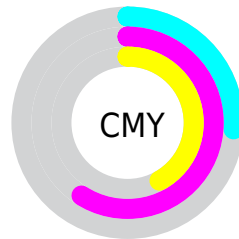


Cyan (0%)

Magenta (45%)

Yellow (22%)

Black (26%)



Cyan (26%)

Magenta (59%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD6893 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 BD6893 by changing the saturation by 10% instead.



 BD6893

 BD6893

FFFFFF

 A14E79

 F79DC9

 863560

 FFB9E5

 6B1B49

 FFD5FF

 510032

 FFF2FF

 38001D

 1F0001

 000000

 BD6893

 BD6893

 BD558A

 BD7B9C

 BD4280

 BD8EA6

 BD2F77

 BDA1AF

 BD1C6E

 BDB4B8

 BD0964

 BDC7C2

 BD0060

 BDD9CB

 BDECD4

 BDFFDE

 BDFFE7

# Harmonies

## Analogous

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



A072B2



BD6893



C56770

# Triad

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



BD6893



84883F



0092B6

# Complementary

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



BD6893



68BD92

# 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.



009598



BD6893



5C9053

# Square

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



BD6893



A47C3E



1F9474



188BC7

# Rectangle

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



BD6893



C16C5A



1F9474



0094AD



# Sweetspot

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



BD6893



F5D5E5



9168BD



7A6771



FAFAFA



7A7A7A



# Same Dimension

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



BD6893



F571B3



BD6869



5E555A



9E0050



1F000F



# Inverse Universe

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



BD6893



F571B3



68BDBC



5E555A



9E0050

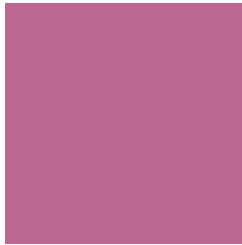


1F000F



# Previews

## White Background



This preview shows how the Hex color BD6893 looks on a white background.

## Color Contrast Check

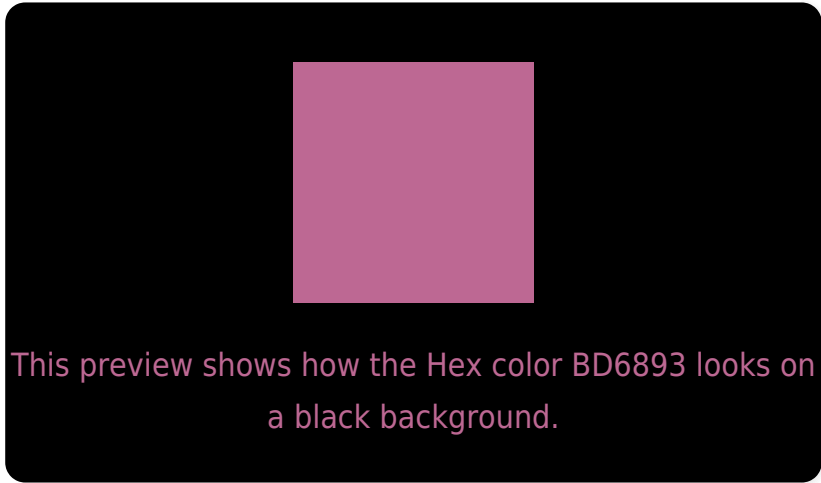
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD6893 Background



This preview shows how black text looks on a background with the Hex color BD6893.




This preview shows how white text looks on a background with the Hex color BD6893.

# 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](#).

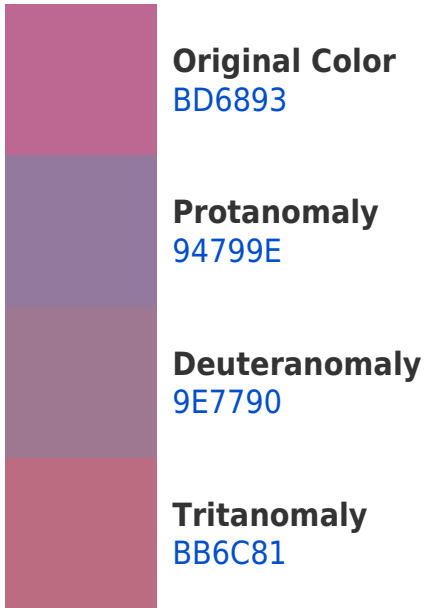
## Dichromacy



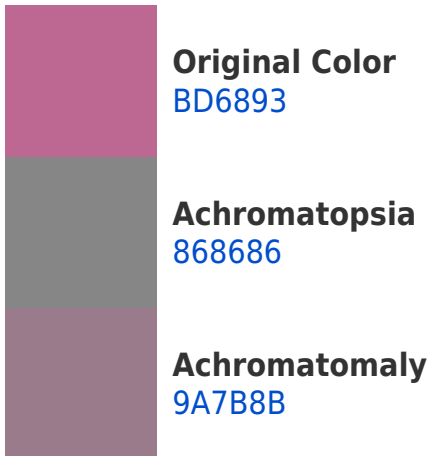


**Tritanopia**  
BA6E76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD6893 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 #BD6893 looks like.

```
.text, #text, p{  
    color:#BD6893  
}
```

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 #BD6893 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD6893
}
```

## Border

The CSS property to change the border of an element to Hex BD6893 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
#BD6893 }
```

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

```
.border{ border-color:#BD6893 }
```

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

Here you see how a box with a 4 pixel #BD6893 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD6893; -webkit-box-shadow:4px 4px  
4px 4px #BD6893; box-shadow:4px 4px 4px  
4px #BD6893 }
```

# Background

The CSS property to change the background color of an element to Hex BD6893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD6893 }
```

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

```
.background{ background-color:#BD6893 }
```

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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