

# Converting Colors

Hex(BD5D93)

Have a look what the booklet for  
Hex(BD5D93) contains.

<b>Hex(BD5D93)</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(BD5D93)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD5D93
RGB	189, 93, 147
RGB Percent	74%, 36%, 58%
CMY	0.2588, 0.6353, 0.4235
CMYK	0.00, 0.51, 0.22, 0.26
HSL	326°, 42%, 55%
HSV	326°, 51%, 74%
XYZ	30.1671, 20.7541, 30.0197
YIQ	127.8600, 39.8820, 37.1460

# Conversions

## Conversions Part 2

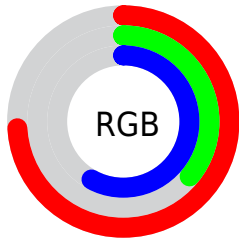
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 93, 147
Decimal	12410259
CIE <sub>Lab</sub>	52.68, 45.03, -11.76
CIE <sub>LCh</sub>	53, 46.541, 345.367
Yxy	20.7541, 0.3727, 0.2564
Android (android.graphics.Color)	4290600339 (0xFFBD5D93)
YUV	127.8600, 9.4360, 53.6198
Hunter-Lab	45.5567, 38.4764, -7.1797

# Details

The Hex color **BD5D93** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5DBD87**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **F792C9**, and **852860** is the 20% darker color. If you saturate the color by 10%, you get **BD4A8B**, and if you desaturate by 10%, it is **BD709B**.

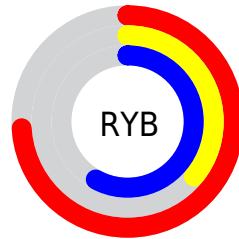
# Distribution



Red (74%)

Green (36%)

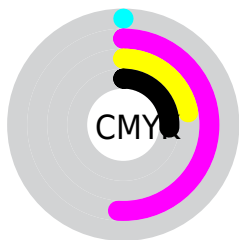
Blue (58%)



Red (74%)

Yellow (36%)

Blue (58%)

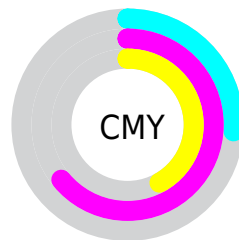


Cyan (0%)

Magenta (51%)

Yellow (22%)

Black (26%)



Cyan (26%)

Magenta (64%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD5D93 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 BD5D93 by changing the saturation by 10% instead.



 BD5D93

 BD5D93

FFFFFF

 A14379

 F792C9

 852860

 FFAEE5

 6A0849

 FFCAFF

 500032

 FFE7FF

 37001D

 1B0001

 000000

 BD5D93

 BD5D93

 BD4A8B

 BD709B

 BD3782

 BD83A4

 BD247A

 BD96AC

 BD1172

 BDA9B4

 BD006A

 BDBBBC

 BDCEC5

 BDE1CD

 BDF4D5

 BDFFD

# Harmonies

## Analogous

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



9B6BB6



BD5D93



C85B6B

# Triad

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



BD5D93



80822B



008FB6

# Complementary

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



BD5D93



5DBD87

# 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.



009192



BD5D93



538B43

# Square

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



BD5D93



A4752E



009068



0088CB

# Rectangle

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



BD5D93



C36152



009068



0090AB



# Sweetspot

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



BD5D93



F5D0E5



875DBD



7A6471



FAFAFA



7A7A7A



# Same Dimension

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



BD5D93



F55FB3



BD5D63



5E555A



9E0059



1F0011



# Inverse Universe

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



BD5D93



F55FB3



5DBDB7



5E555A



9E0059

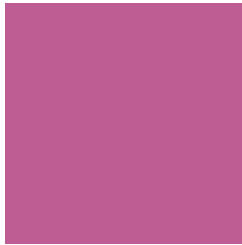


1F0011



# Previews

## White Background



This preview shows how the Hex color BD5D93 looks on a white background.

## Color Contrast Check

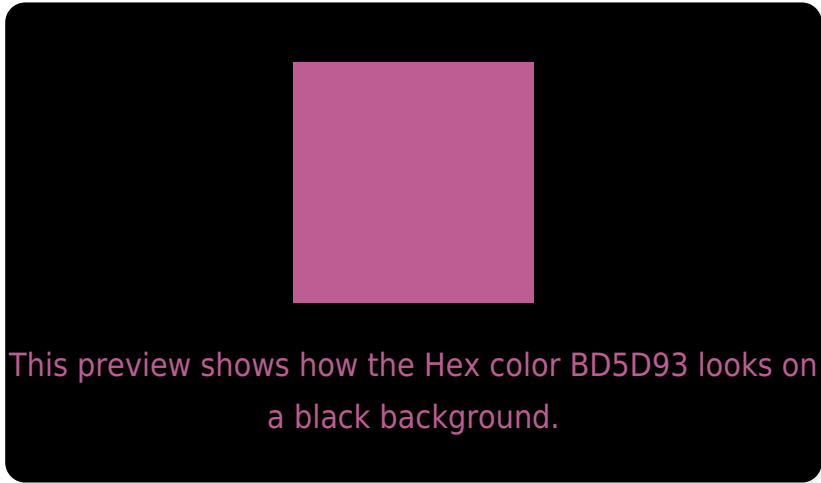
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD5D93 Background



This preview shows how black text looks on a background with the Hex color BD5D93.

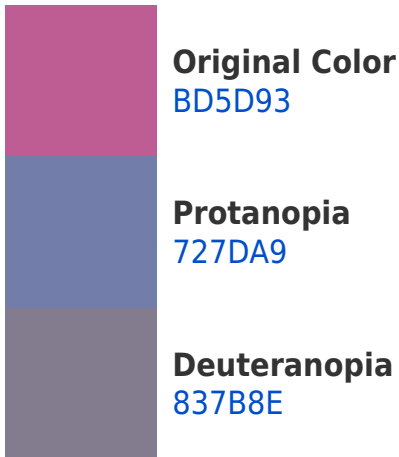



This preview shows how white text looks on a background with the Hex color BD5D93.

# 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](#).

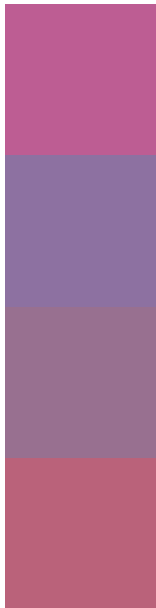
## Dichromacy





**Tritanopia**  
B9656C

# Trichromacy



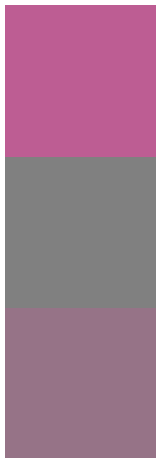
**Original Color**  
BD5D93

**Protanomaly**  
8D71A1

**Deuteranomaly**  
987090

**Tritanomaly**  
BA627A

# Monochromacy



**Original Color**  
BD5D93

**Achromatopsia**  
808080

**Achromatomaly**  
967387

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD5D93 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 #BD5D93 looks like.

```
.text, #text, p{  
    color:#BD5D93  
}
```

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 #BD5D93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD5D93
}
```

## Border

The CSS property to change the border of an element to Hex BD5D93 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
#BD5D93 }
```

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

```
.border{ border-color:#BD5D93 }
```

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

Here you see how a box with a 4 pixel #BD5D93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD5D93; -webkit-box-shadow:4px 4px  
4px 4px #BD5D93; box-shadow:4px 4px 4px  
4px #BD5D93 }
```

# Background

The CSS property to change the background color of an element to Hex BD5D93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD5D93 }
```

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

```
.background{ background-color:#BD5D93 }
```

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