

# Converting Colors

Hex(BD5F89)

Have a look what the booklet for  
Hex(BD5F89) contains.

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# Color

**Hex(BD5F89)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | BD5F89                     |
| RGB           | 189, 95, 137               |
| RGB Percent   | 74%, 37%, 54%              |
| CMY           | 0.2588, 0.6275, 0.4627     |
| CMYK          | 0.00, 0.50, 0.28, 0.26     |
| HSL           | 333°, 42%, 56%             |
| HSV           | 333°, 50%, 74%             |
| XYZ           | 29.5938, 20.8094, 26.1238  |
| YIQ           | 127.8940, 42.5420, 32.9900 |

# Conversions

## Conversions Part 2

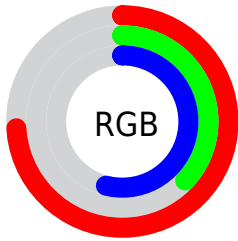
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 189, 95, 137                 |
| Decimal                             | 12410761                     |
| CIELab                              | 52.74, 42.59, -5.76          |
| CIELCh                              | 53, 42.982, 352.300          |
| Yxy                                 | 20.8094, 0.3867,<br>0.2719   |
| Android<br>(android.graphics.Color) | 4290600841<br>(0xFFBD5F89)   |
| YUV                                 | 127.8940, 4.4893,<br>53.5900 |
| Hunter-Lab                          | 45.6173, 35.9701,<br>-2.0216 |

# Details

The Hex color **BD5F89** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5FBD93**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **F794BE**, and **852B57** is the 20% darker color. If you saturate the color by 10%, you get **BD4C7F**, and if you desaturate by 10%, it is **BD7293**.

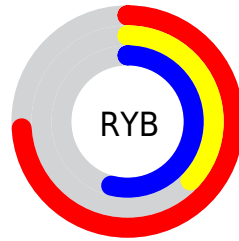
# Distribution



Red (74%)

Green (37%)

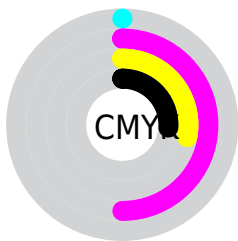
Blue (54%)



Red (74%)

Yellow (37%)

Blue (54%)

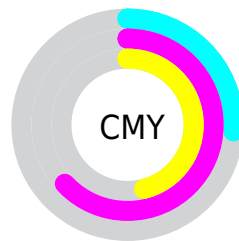


Cyan (0%)

Magenta (50%)

Yellow (28%)

Black (26%)



Cyan (26%)

Magenta (63%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD5F89 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 BD5F89 by changing the saturation by 10% instead.



 BD5F89

 BD5F89

FFFFFF

 A14570

 F794BE

 852B57

 FFB0DA

 6A0E40

 FFCCF7

 4F002A

 FFE8FF

 370016

 180001

 000000

 BD5F89

 BD5F89

 BD4C7F

 BD7293

 BD3974

 BD859E

 BD266A

 BD98A8

 BD135F

 BDABB3

 BD0055

 BDBEBD

 BD0054

 BDD0C8

 BDE3D2

 BDF6DD

 BDFFE7

# Harmonies

## Analogous

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



A269AB



BD5F89



C36064

# Triad

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



BD5F89



788436



008DB7

# Complementary

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



BD5F89



5FBD93

# 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.



009099



BD5F89



4C8C4F

# Square

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



BD5F89



9B7932



009073



0285C7

# Rectangle

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



BD5F89



BC664E



009073



008EAF



# Sweetspot

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



BD5F89



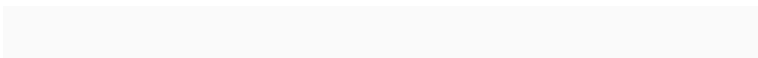
F5D0E0



935FBD



7A646E



FAFAFA



7A7A7A



# Same Dimension

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



BD5F89



F562A4



BD645F



5E5559



9E0047



1F000E



# Inverse Universe

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



BD5F89



F562A4



5FB8BD



5E5559



9E0047



1F000E



# Previews

## White Background



This preview shows how the Hex color BD5F89 looks on a white background.

## Color Contrast Check

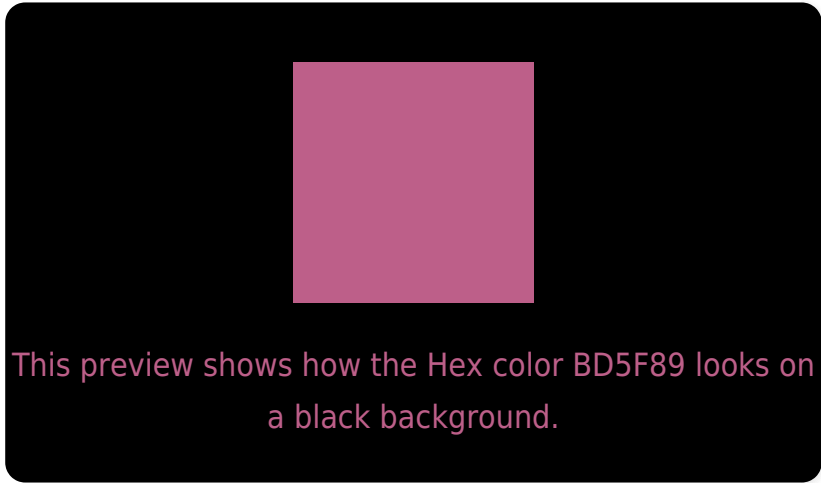
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD5F89 Background



This preview shows how black text looks on a background with the Hex color BD5F89.



This preview shows how white text looks on a background with the Hex color BD5F89.

# Color Blindness Simulation

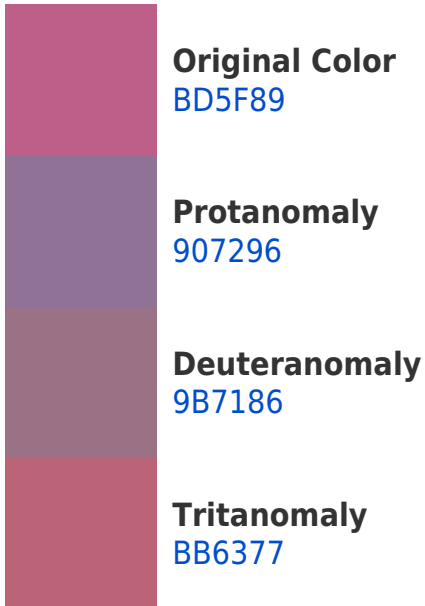
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD5F89 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 #BD5F89 looks like.

```
.text, #text, p{  
    color:#BD5F89  
}
```

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 #BD5F89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD5F89
}
```

## Border

The CSS property to change the border of an element to Hex BD5F89 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
#BD5F89 }
```

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

```
.border{ border-color:#BD5F89 }
```

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

Here you see how a box with a 4 pixel #BD5F89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD5F89; -webkit-box-shadow:4px 4px  
4px 4px #BD5F89; box-shadow:4px 4px 4px  
4px #BD5F89 }
```

# Background

The CSS property to change the background color of an element to Hex BD5F89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD5F89 }
```

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

```
.background{ background-color:#BD5F89 }
```

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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