

# Converting Colors

Hex(BD5F9A)

Have a look what the booklet for  
Hex(BD5F9A) contains.

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# Color

**Hex(BD5F9A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD5F9A
RGB	189, 95, 154
RGB Percent	74%, 37%, 60%
CMY	0.2588, 0.6275, 0.3961
CMYK	0.00, 0.50, 0.19, 0.26
HSL	322°, 42%, 56%
HSV	322°, 50%, 74%
XYZ	30.9112, 21.3363, 33.0610
YIQ	129.8320, 37.0850, 38.2770

# Conversions

## Conversions Part 2

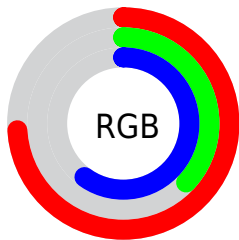
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 95, 154
Decimal	12410778
CIELab	53.32, 45.07, -14.92
CIELCh	53, 47.475, 341.688
Yxy	21.3363, 0.3623, 0.2501
Android (android.graphics.Color)	4290600858 (0xFFBD5F9A)
YUV	129.8320, 11.9148, 51.8903
Hunter-Lab	46.1913, 38.6175, -10.1024

# Details

The Hex color **BD5F9A** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5FBD82**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **F794D0**, and **852B67** is the 20% darker color. If you saturate the color by 10%, you get **BD4C93**, and if you desaturate by 10%, it is **BD72A1**.

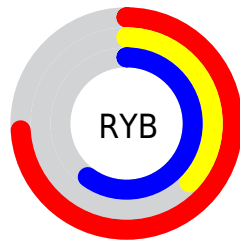
# Distribution



Red (74%)

Green (37%)

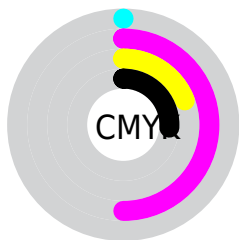
Blue (60%)



Red (74%)

Yellow (37%)

Blue (60%)

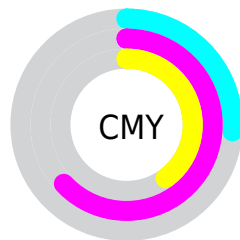


Cyan (0%)

Magenta (50%)

Yellow (19%)

Black (26%)



Cyan (26%)

Magenta (63%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD5F9A 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 BD5F9A by changing the saturation by 10% instead.



 BD5F9A

 BD5F9A

FFFFFF

 A14580

 F794D0

 852B67

 FF80ED

 6A0B4F

 FFCCFF

 500038

 FFE9FF

 370022

 1C0009

 000000

 BD5F9A

 BD5F9A

 BD4C93

 BD72A1

 BD398C

 BD85A8

 BD2685

 BD98AF

 BD137E

 BDABB6

 BD0077

 BDBEBD

 BDD0C4

 BDE3CB

 BDF6D2

 BDDFD9

# Harmonies

## Analogous

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



976EBD



BD5F9A



CB5B71

# Triad

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



BD5F9A



87822A



0091B5

# Complementary

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



BD5F9A



5FBD82

# 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.



00948F



BD5F9A



5A8C3F

# Square

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



BD5F9A



AB742F



009264



008BCD

# Rectangle

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



BD5F9A



C86057



009264



0093A9



# Sweetspot

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



BD5F9A



F5D0E7



815FBD



7A6472



FAFAFA



7A7A7A



# Same Dimension

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



BD5F9A



F562BE



BD5F6C



5E555B



9E0063



1F0013



# Inverse Universe

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



BD5F9A



F562BE



5FBDB0



5E555B



9E0063



1F0013



# Previews

## White Background



This preview shows how the Hex color BD5F9A looks on a white background.

## Color Contrast Check

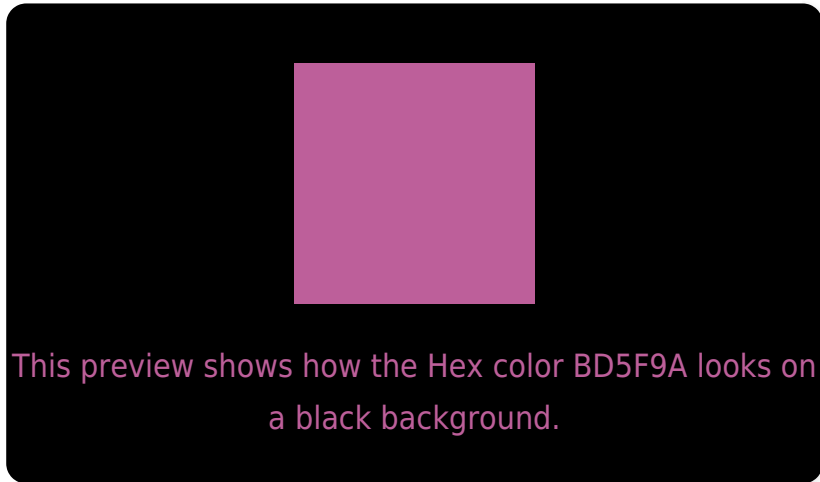
Large Text (above 18pt) WCAG AA ✓ Pass

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

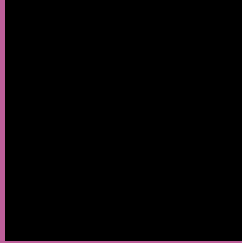
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BD5F9A Background



This preview shows how black text looks on a background with the Hex color BD5F9A.



This preview shows how white text looks on a background with the Hex color BD5F9A.

# 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



**Original Color**  
BD5F9A

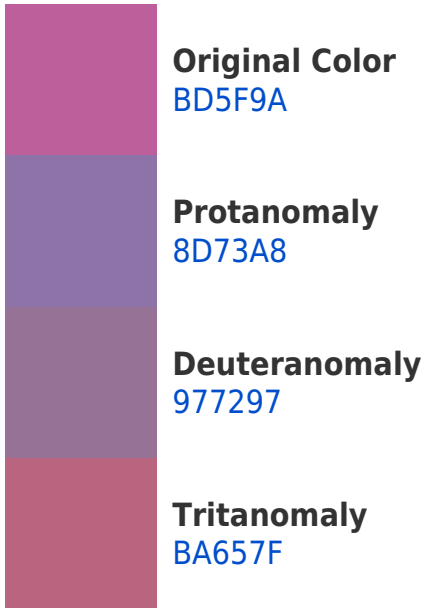
**Protanopia**  
717EB0

**Deuteranopia**  
827D95



**Tritanopia**  
B96870

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD5F9A 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 #BD5F9A looks like.

```
.text, #text, p{  
    color:#BD5F9A  
}
```

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 #BD5F9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD5F9A
}
```

## Border

The CSS property to change the border of an element to Hex BD5F9A 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
#BD5F9A }
```

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

```
.border{ border-color:#BD5F9A }
```

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

Here you see how a box with a 4 pixel #BD5F9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD5F9A; -webkit-box-shadow:4px 4px  
4px 4px #BD5F9A; box-shadow:4px 4px 4px  
4px #BD5F9A }
```

# Background

The CSS property to change the background color of an element to Hex BD5F9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD5F9A }
```

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

```
.background{ background-color:#BD5F9A }
```

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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