

Converting Colors

Hex(BD357F)

Have a look what the booklet for
Hex(BD357F) contains.

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Color

Hex(BD357F)

Conversions

Conversions Part 1

Format	Color
Hex	BD357F
RGB	189, 53, 127
RGB Percent	74%, 21%, 50%
CMY	0.2588, 0.7922, 0.5020
CMYK	0.00, 0.72, 0.33, 0.26
HSL	327°, 56%, 47%
HSV	327°, 72%, 74%
XYZ	26.0901, 14.8973, 21.5790
YIQ	102.1000, 57.3020, 51.8460

Conversions

Conversions Part 2

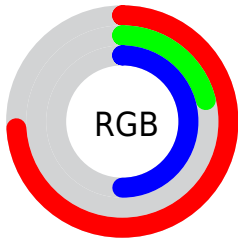
Format	Color
RYB	189, 53, 127
Decimal	12399999
CIELab	45.49, 59.89, -10.58
CIELCh	45, 60.820, 349.979
Yxy	14.8973, 0.4170, 0.2381
Android (android.graphics.Color)	4290590079 (0xFFBD357F)
YUV	102.1000, 12.2757, 76.2113
Hunter-Lab	38.5971, 53.1143, -6.1302

Details

The Hex color **BD357F** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **35BD73**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **F96FB4**, and **83004E** is the 20% darker color. If you saturate the color by 10%, you get **BD2276**, and if you desaturate by 10%, it is **BD4888**.

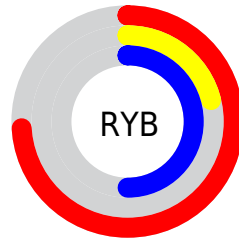
Distribution



Red (74%)

Green (21%)

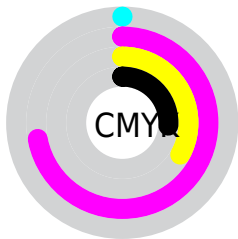
Blue (50%)



Red (74%)

Yellow (21%)

Blue (50%)

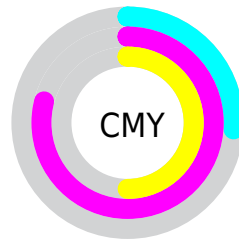


Cyan (0%)

Magenta (72%)

Yellow (33%)

Black (26%)



Cyan (26%)

Magenta (79%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD357F 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 BD357F by changing the saturation by 10% instead.

 BD357F

 BD357F

FFFFFF

 A00F66

 F96FB4

 83004E

 FF8BCF

 670037

 FFA7EC

 4B0022

 FFC4FF

 320009

 FFE1FF

 000000

FFFEFF

 BD357F

 BD357F

 BD2276

 BD4888

 BD0F6E

 BD5B90

 BD0067

 BD6E99

 BD81A1

 BD94AA

 BDA6B3

 BDB9BB

 BDCCC4

 BDDFCD

Harmonies

Analogous

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



974DAE



BD357F



C4364C

Triad

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



BD357F



627300



0080B9

Complementary

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



BD357F



35BD73

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.



00828D



BD357F



157D23

Square

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



BD357F



906300



008158



0077D0

Rectangle

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



BD357F



BB442C



008158



0081AC

Sweetspot

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



BD357F



F5BFDC



7235BD



7A5B6C



FAFAFA



7A7A7A

Same Dimension

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



BD357F



F52295



BD353C



5E555A



9E0056



1F0011

Inverse Universe

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



BD357F



F52295



35BDB6



5E555A



9E0056



1F0011

Previews

White Background



This preview shows how the Hex color BD357F looks on a white background.

Color Contrast Check

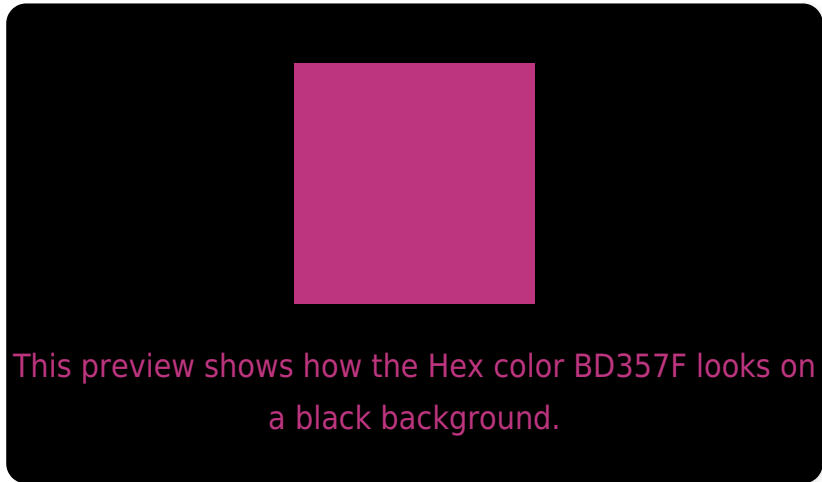
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex BD357F Background



This preview shows how black text looks on a background with the Hex color BD357F.

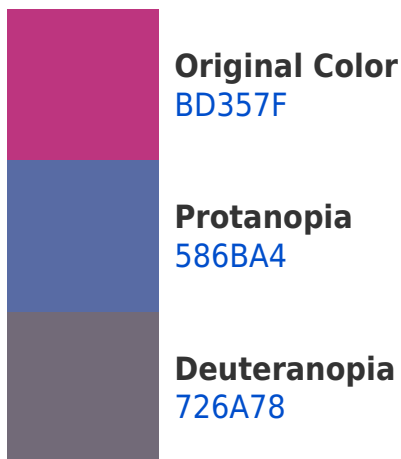



This preview shows how white text looks on a background with the Hex color BD357F.

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
B94448

Trichromacy



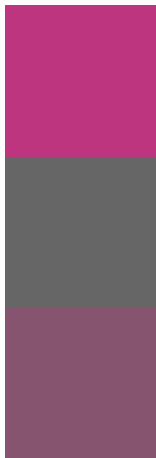
Original Color
BD357F

Protanomaly
7D5797

Deuteranomaly
8D577B

Tritanomaly
BA3F5C

Monochromacy



Original Color
BD357F

Achromatopsia
666666

Achromatomaly
86546F

CSS Examples

Text

The CSS property to change the color of the text to Hex BD357F 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 #BD357F looks like.

```
.text, #text, p{  
    color:#BD357F  
}
```

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 #BD357F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD357F
}
```

Border

The CSS property to change the border of an element to Hex BD357F is called "border". The border property can be set on classes, ids or directly on the HTML element.

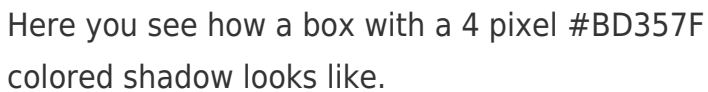
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD357F }
```

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

```
.border{ border-color:#BD357F }
```

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



Here you see how a box with a 4 pixel `#BD357F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD357F; -webkit-box-shadow:4px 4px  
4px 4px #BD357F; box-shadow:4px 4px 4px  
4px #BD357F }
```

Background

The CSS property to change the background color of an element to Hex BD357F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD357F }
```

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

```
.background{ background-color:#BD357F }
```

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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