

Converting Colors

Hex(BD5B7A)

Have a look what the booklet for
Hex(BD5B7A) contains.

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Color

Hex(BD5B7A)

Conversions

Conversions Part 1

Format	Color
Hex	BD5B7A
RGB	189, 91, 122
RGB Percent	74%, 36%, 48%
CMY	0.2588, 0.6431, 0.5216
CMYK	0.00, 0.52, 0.35, 0.26
HSL	341°, 43%, 55%
HSV	341°, 52%, 74%
XYZ	28.2402, 19.7061, 20.7276
YIQ	123.8360, 48.4570, 30.4170

Conversions

Conversions Part 2

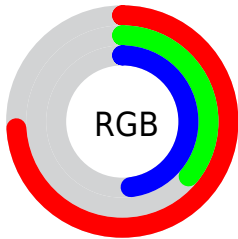
Format	Color
R_{YB}	189, 91, 122
Decimal	12409722
CIE _{Lab}	51.50, 42.68, 1.33
CIE _{LCh}	52, 42.700, 1.789
Yxy	19.7061, 0.4112, 0.2870
Android (android.graphics.Color)	4290599802 (0xFFBD5B7A)
YUV	123.8360, -0.9051, 57.1488
Hunter-Lab	44.3916, 35.8695, 3.3901

Details

The Hex color **BD5B7A** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5BBD9E**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **F890AE**, and **84274A** is the 20% darker color. If you saturate the color by 10%, you get **BD486D**, and if you desaturate by 10%, it is **BD6E87**.

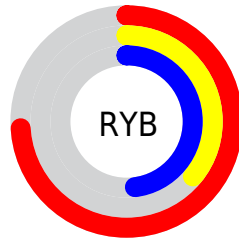
Distribution



Red (74%)

Green (36%)

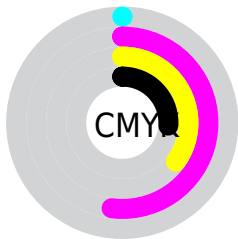
Blue (48%)



Red (74%)

Yellow (36%)

Blue (48%)

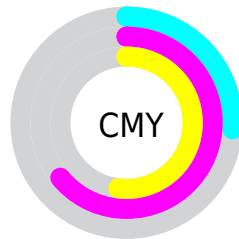


Cyan (0%)

Magenta (52%)

Yellow (35%)

Black (26%)



Cyan (26%)

Magenta (64%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD5B7A 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 BD5B7A by changing the saturation by 10% instead.

 BD5B7A

 BD5B7A

FFFFFF

 A04161

 F890AE

 84274A

 FFABCA

 690733

 FFC7E6

 4E001E

 FFE4FF

 370004

 0F0000

 000000

 BD5B7A

 BD5B7A

 BD486D

 BD6E87

 BD3560

 BD8194

 BD2253

 BD94A1

 BD0F46

 BDA7AE

 BD003C

 BDBABB

 BDCCC8

 BDDFD4

 BDF2E1

 BDFFE1

Harmonies

Analogous

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



A9629E



BD5B7A



BC6056

Triad

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



BD5B7A



68843A



0087BA

Complementary

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



BD5B7A



5BBD9E

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.



008CA0



BD5B7A



368A57

Square

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



BD5B7A



8E7A2E



008D7C



387EC4

Rectangle

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



BD5B7A



B26842



008D7C



008AB3

Sweetspot

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



BD5B7A



F5CEDA



9E5BBD



7A636B



FAFAFA



7A7A7A

Same Dimension

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



BD5B7A



F55D8D



BD6D5B



5E5558



9E0032



1F000A

Inverse Universe

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



BD5B7A



F55D8D



5BABB D



5E5558



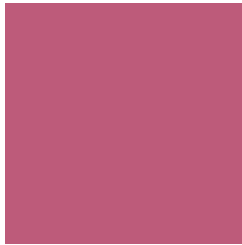
9E0032



1F000A

Previews

White Background



This preview shows how the Hex color BD5B7A looks on a white background.

Color Contrast Check

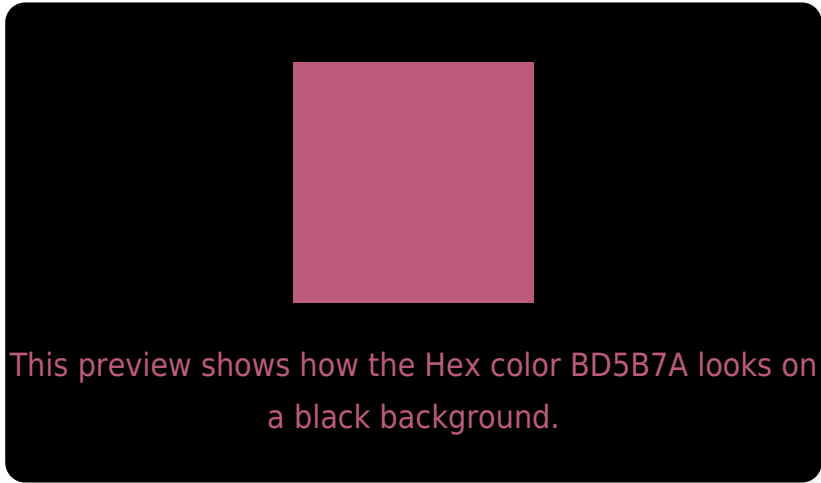
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD5B7A Background



This preview shows how black text looks on a background with the Hex color BD5B7A.



This preview shows how white text looks on a background with the Hex color BD5B7A.

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
BD5B7A

Protanopia
787A8D

Deuteranopia
897775



Tritanopia
BB5F66

Trichromacy



Original Color
BD5B7A

Protanomaly
916F86

Deuteranomaly
9C6D77

Tritanomaly
BC5E6D

Monochromacy



Original Color
BD5B7A

Achromatopsia
7C7C7C

Achromatomaly
94707B

CSS Examples

Text

The CSS property to change the color of the text to Hex BD5B7A 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 #BD5B7A looks like.

```
.text, #text, p{  
    color:#BD5B7A  
}
```

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 #BD5B7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD5B7A
}
```

Border

The CSS property to change the border of an element to Hex BD5B7A 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
#BD5B7A }
```

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

```
.border{ border-color:#BD5B7A }
```

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

Here you see how a box with a 4 pixel #BD5B7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD5B7A; -webkit-box-shadow:4px 4px  
4px 4px #BD5B7A; box-shadow:4px 4px 4px  
4px #BD5B7A }
```

Background

The CSS property to change the background color of an element to Hex BD5B7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD5B7A }
```

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

```
.background{ background-color:#BD5B7A }
```

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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