

Converting Colors

Hex(BD63A9)

Have a look what the booklet for
Hex(BD63A9) contains.

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Color

Hex(BD63A9)

Conversions

Conversions Part 1

Format	Color
Hex	BD63A9
RGB	189, 99, 169
RGB Percent	74%, 39%, 66%
CMY	0.2588, 0.6118, 0.3373
CMYK	0.00, 0.48, 0.11, 0.26
HSL	313°, 41%, 56%
HSV	313°, 48%, 74%
XYZ	32.6095, 22.6071, 40.1810
YIQ	133.8900, 31.1700, 40.8500

Conversions

Conversions Part 2

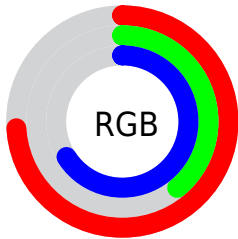
Format	Color
R_{YB}	189, 99, 169
Decimal	12411817
CIE _{Lab}	54.67, 45.44, -21.62
CIE _{LCh}	55, 50.319, 334.556
Yxy	22.6071, 0.3418, 0.2370
Android (android.graphics.Color)	4290601897 (0xFFBD63A9)
YUV	133.8900, 17.3092, 48.3315
Hunter-Lab	47.5469, 39.2153, -16.8221

Details

The Hex color **BD63A9** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **63BD77**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **F798E0**, and **862F75** is the 20% darker color. If you saturate the color by 10%, you get **BD50A5**, and if you desaturate by 10%, it is **BD76AD**.

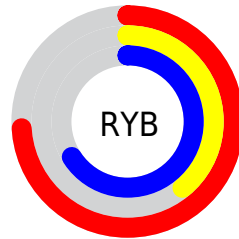
Distribution



Red (74%)

Green (39%)

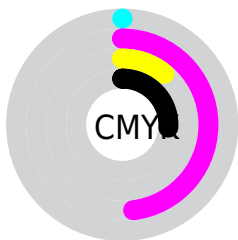
Blue (66%)



Red (74%)

Yellow (39%)

Blue (66%)

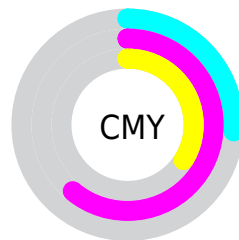


Cyan (0%)

Magenta (48%)

Yellow (11%)

Black (26%)



Cyan (26%)

Magenta (61%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD63A9 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 BD63A9 by changing the saturation by 10% instead.

 BD63A9

 BD63A9

FFFFFF

 A1498E

 F798E0

 862F75

 FFB4FD

 6B125C

 FFD0FF

 510044

 FFEDFF

 38002E

 1F0019

 000000

 BD63A9

 BD63A9

 BD50A5

 BD76AD

 BD3DA1

 BD89B1

 BD2A9C

 BD9CB6

 BD1798

 BDAFBA

 BD0594

 BDC2BE

 BD0093

 BDD4C2

 BDE7C6

 BDFACB

 BDFFCF

Harmonies

Analogous

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



8D75CB



BD63A9



D25B7E

Triad

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



BD63A9



948325



0097B3

Complementary

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



BD63A9



63BD77

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.



009888



BD63A9



678E37

Square

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



BD63A9



B87333



1E955C



0091D1

Rectangle

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



BD63A9



D25E61



1E955C



0098A6

Sweetspot

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



BD63A9



F5D3ED



7763BD



7A6676



FAFAFA



7A7A7A

Same Dimension

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



BD63A9



F569D6



BD637C



5E555C



9E007B



1F0018

Inverse Universe

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



BD63A9



F569D6



63BDA4



5E555C



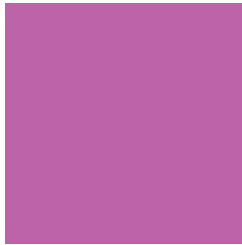
9E007B



1F0018

Previews

White Background



This preview shows how the Hex color BD63A9 looks on a white background.

Color Contrast Check

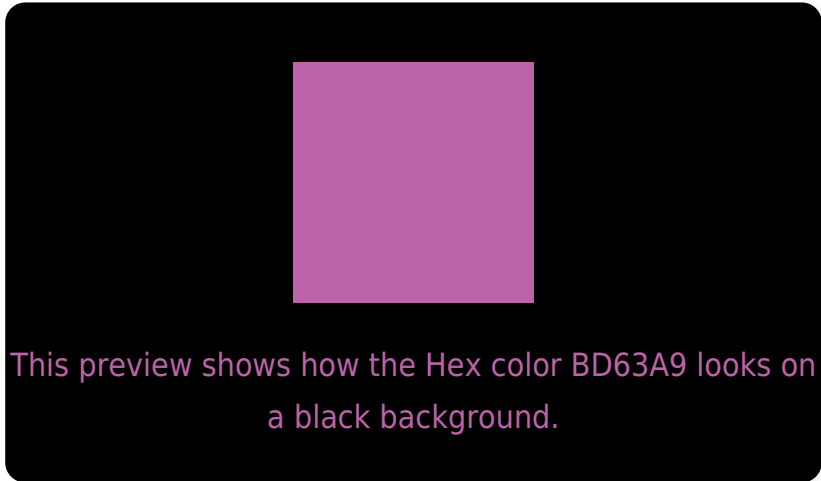
Large Text (above 18pt) WCAG AA ✓ Pass

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

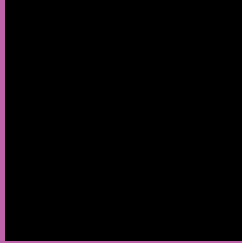
Any Text WCAG AA ✓ Pass

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 BD63A9 Background



This preview shows how black text looks on a background with the Hex color BD63A9.

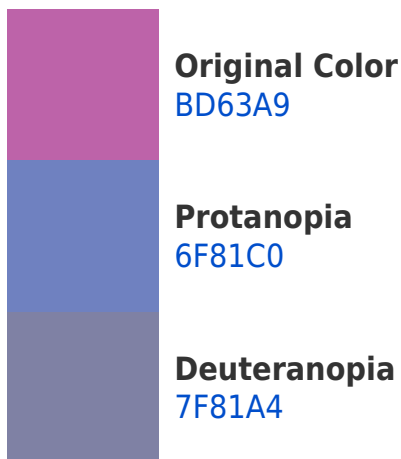


This preview shows how white text looks on a background with the Hex color BD63A9.

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
B76E76

Trichromacy



Original Color
BD63A9



Protanomaly
8B76B8



Deuteranomaly
9676A6

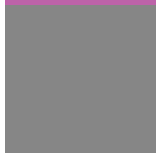


Tritanomaly
B96A89

Monochromacy



Original Color
BD63A9



Achromatopsia
868686



Achromatomaly
9A7993

CSS Examples

Text

The CSS property to change the color of the text to Hex BD63A9 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 #BD63A9 looks like.

```
.text, #text, p{  
    color:#BD63A9  
}
```

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 #BD63A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD63A9
}
```

Border

The CSS property to change the border of an element to Hex BD63A9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

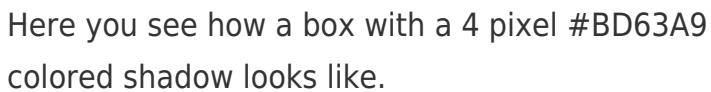
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD63A9 }
```

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

```
.border{ border-color:#BD63A9 }
```

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



Here you see how a box with a 4 pixel `#BD63A9` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD63A9; -webkit-box-shadow:4px 4px  
4px 4px #BD63A9; box-shadow:4px 4px 4px  
4px #BD63A9 }
```

Background

The CSS property to change the background color of an element to Hex BD63A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD63A9 }
```

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

```
.background{ background-color:#BD63A9 }
```

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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