

Converting Colors

Hex(BD64A7)

Have a look what the booklet for
Hex(BD64A7) contains.

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Color

Hex(**BD64A7**)

Conversions

Conversions Part 1

Format	Color
Hex	BD64A7
RGB	189, 100, 167
RGB Percent	74%, 39%, 65%
CMY	0.2588, 0.6078, 0.3451
CMYK	0.00, 0.47, 0.12, 0.26
HSL	315°, 40%, 57%
HSV	315°, 47%, 74%
XYZ	32.5185, 22.7232, 39.2313
YIQ	134.2490, 31.5370, 39.7050

Conversions

Conversions Part 2

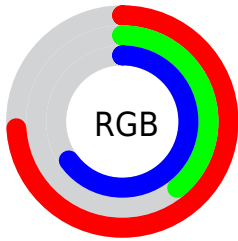
Format	Color
RYB	189, 100, 167
Decimal	12412071
CIELab	54.79, 44.59, -20.27
CIELCh	55, 48.983, 335.554
Yxy	22.7232, 0.3442, 0.2405
Android (android.graphics.Color)	4290602151 (0xFFBD64A7)
YUV	134.2490, 16.1462, 48.0166
Hunter-Lab	47.6688, 38.3478, -15.4273

Details

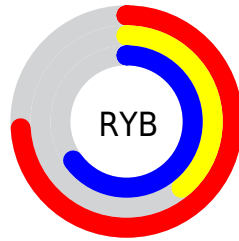
The Hex color **BD64A7** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **64BD7A**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **F799DE**, and **863073** is the 20% darker color. If you saturate the color by 10%, you get **BD51A2**, and if you desaturate by 10%, it is **BD77AC**.

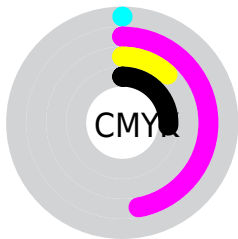
Distribution



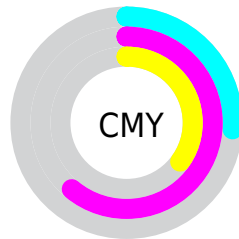
- Red (74%)
- Green (39%)
- Blue (65%)



- Red (74%)
- Yellow (39%)
- Blue (65%)



- Cyan (0%)
- Magenta (47%)
- Yellow (12%)
- Black (26%)



- Cyan (26%)
- Magenta (61%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD64A7 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 BD64A7 by changing the saturation by 10% instead.

 BD64A7

 BD64A7

FFFFFF

 A14A8D

 F799DE

 863073

 FFB5FB

 6B145A

 FFD1FF

 510043

 FFEEFF

 38002C

 1F0017

 000000

 BD64A7

 BD64A7

 BD51A2

 BD77AC

 BD3E9E

 BD8AB0

 BD2B99

 BD9DB5

 BD1894

 BDB0BA

 BD0590

 BDC3BE

 BD008E

 BDD5C3

 BDE8C8

 BDFBCC

 BDFFD1

Harmonies

Analogous

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



9075C8



BD64A7



D05D7D

Triad

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



BD64A7



938329



0097B3

Complementary

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



BD64A7



64BD7A

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.



00988A



BD64A7



678F3A

Square

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



BD64A7



B67435



21955E



0091D0

Rectangle

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



BD64A7



D06061



21955E



0098A6

Sweetspot

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



BD64A7



F5D3EC



7964BD



7A6675



FAFAFA



7A7A7A

Same Dimension

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



BD64A7



F569D2



BD647C



5E555C



9E0077



1F0017

Inverse Universe

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



BD64A7



F569D2



64BDA5



5E555C



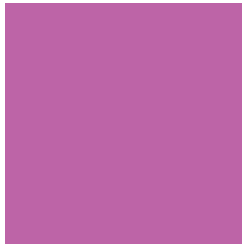
9E0077



1F0017

Previews

White Background



This preview shows how the Hex color BD64A7 looks on a white background.

Color Contrast Check

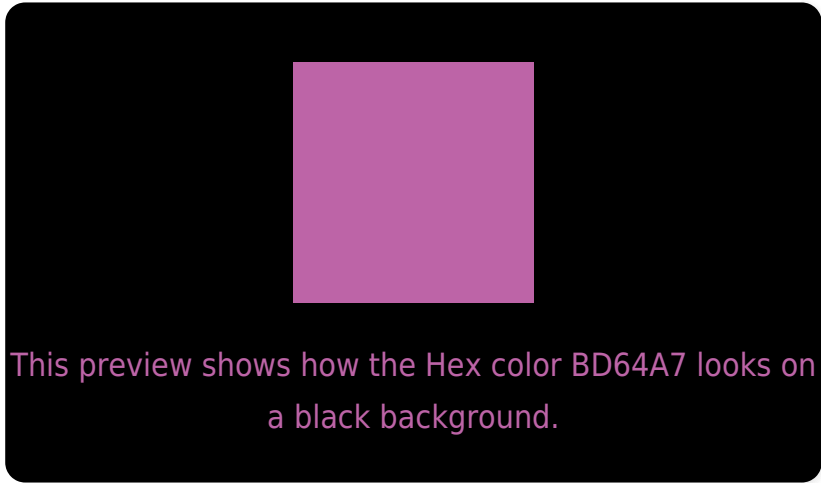
Large Text (above 18pt) WCAG AA ✓ Pass

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

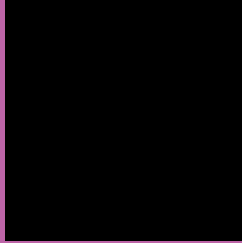
Any Text WCAG AA ✓ Pass

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 BD64A7 Background



This preview shows how black text looks on a background with the Hex color BD64A7.

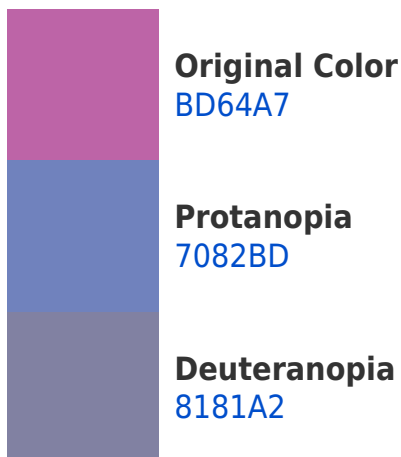


This preview shows how white text looks on a background with the Hex color BD64A7.

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](#).

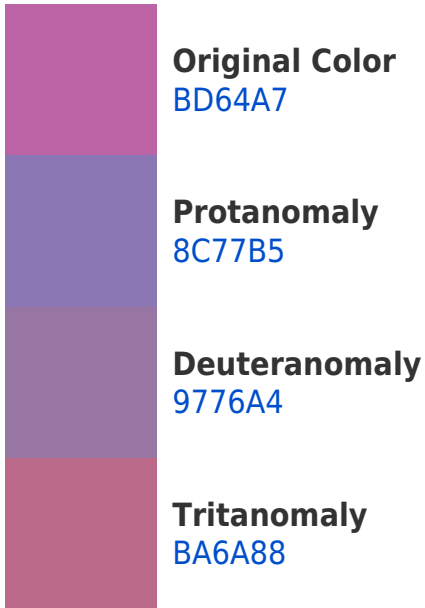
Dichromacy





Tritanopia
B86E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD64A7 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 #BD64A7 looks like.

```
.text, #text, p{  
    color:#BD64A7  
}
```

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 #BD64A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD64A7  
}
```

Border

The CSS property to change the border of an element to Hex BD64A7 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  
#BD64A7 }
```

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

```
.border{ border-color:#BD64A7 }
```

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

Here you see how a box with a 4 pixel #BD64A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD64A7; -webkit-box-shadow:4px 4px  
4px 4px #BD64A7; box-shadow:4px 4px 4px  
4px #BD64A7 }
```

Background

The CSS property to change the background color of an element to Hex BD64A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD64A7 }
```

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

```
.background{ background-color:#BD64A7 }
```

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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