

Converting Colors

Hex(BD64AA)

Have a look what the booklet for
Hex(BD64AA) contains.

Hex(BD64AA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BD64AA)

Conversions

Conversions Part 1

Format	Color
Hex	BD64AA
RGB	189, 100, 170
RGB Percent	74%, 39%, 67%
CMY	0.2588, 0.6078, 0.3333
CMYK	0.00, 0.47, 0.10, 0.26
HSL	313°, 40%, 57%
HSV	313°, 47%, 74%
XYZ	32.7991, 22.8354, 40.7092
YIQ	134.5910, 30.5740, 40.6380

Conversions

Conversions Part 2

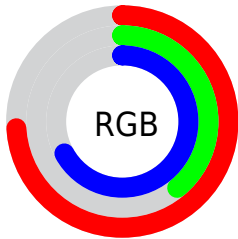
Format	Color
RYB	189, 100, 170
Decimal	12412074
CIELab	54.90, 45.09, -21.84
CIELCh	55, 50.102, 334.162
Yxy	22.8354, 0.3404, 0.2370
Android (android.graphics.Color)	4290602154 (0xFFBD64AA)
YUV	134.5910, 17.4566, 47.7167
Hunter-Lab	47.7864, 38.8906, -17.0585

Details

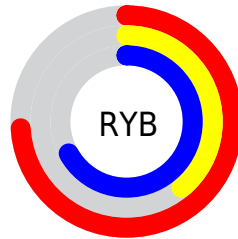
The Hex color **BD64AA** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **64BD77**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **F799E1**, and **863076** is the 20% darker color. If you saturate the color by 10%, you get **BD51A6**, and if you desaturate by 10%, it is **BD77AE**.

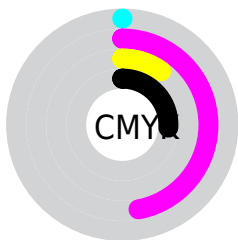
Distribution



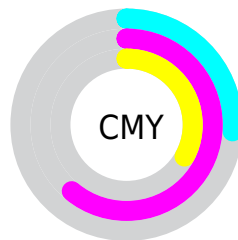
- Red (74%)
- Green (39%)
- Blue (67%)



- Red (74%)
- Yellow (39%)
- Blue (67%)



- Cyan (0%)
- Magenta (47%)
- Yellow (10%)
- Black (26%)



- Cyan (26%)
- Magenta (61%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD64AA 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 BD64AA by changing the saturation by 10% instead.

 BD64AA

 BD64AA

FFFFFF

 A14A8F

 F799E1

 863076

 FFB5FE

 6B135D

 FFD1FF

 510045

 FFEEFF

 38002E

 1F0019

 000000

 BD64AA

 BD64AA

 BD51A6

 BD77AE

 BD3EA2

 BD8AB2

 BD2B9E

 BD9DB6

 BD189A

 BDB0BA

 BD0596

 BDC3BE

 BD0095

 BDD5C2

 BDE8C6

 BDFBCA

 BDFFCE

Harmonies

Analogous

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



8D75CB



BD64AA



D25C7F

Triad

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



BD64AA



958326



0098B3

Complementary

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



BD64AA



64BD77

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.



009988



BD64AA



688F37

Square

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



BD64AA



B97334



22965C



0092D1

Rectangle

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



BD64AA



D25F62



22965C



0098A6

Sweetspot

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



BD64AA



F5D3ED



7664BD



7A6676



FAFAFA



7A7A7A

Same Dimension

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



BD64AA



F569D7



BD647F



5E555C



9E007C



1F0018

Inverse Universe

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



BD64AA



F569D7



64BDA2



5E555C



9E007C



1F0018

Previews

White Background



This preview shows how the Hex color BD64AA looks on a white background.

Color Contrast Check

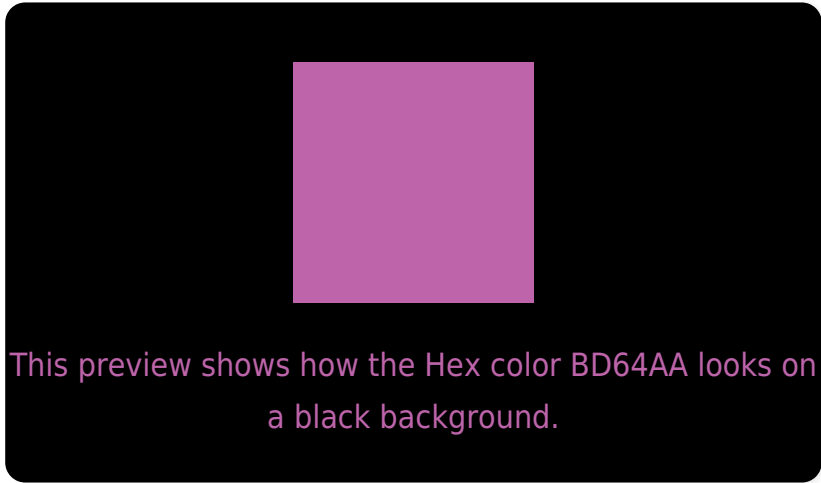
Large Text (above 18pt) WCAG AA ✓ Pass

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

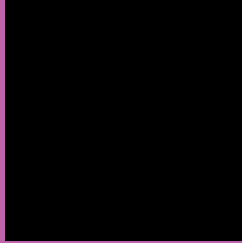
Any Text WCAG AA ✓ Pass

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 BD64AA Background



This preview shows how black text looks on a background with the Hex color BD64AA.

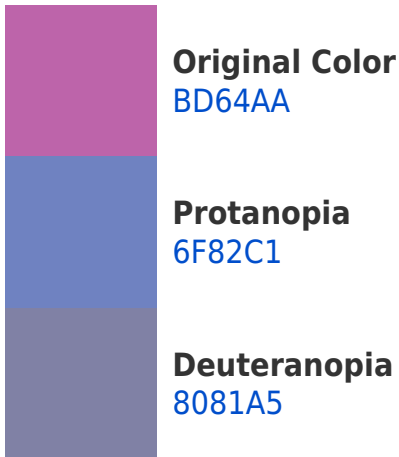


This preview shows how white text looks on a background with the Hex color BD64AA.

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](#).

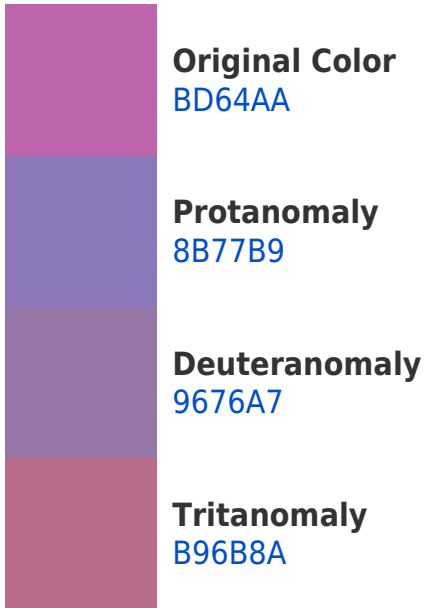
Dichromacy



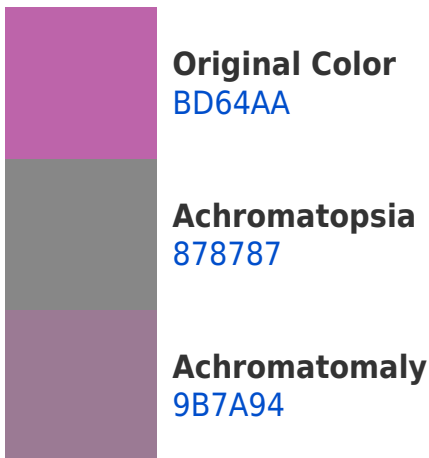


Tritanopia
B76F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD64AA 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 #BD64AA looks like.

```
.text, #text, p{  
    color:#BD64AA  
}
```

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 #BD64AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD64AA
}
```

Border

The CSS property to change the border of an element to Hex BD64AA 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
#BD64AA }
```

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

```
.border{ border-color:#BD64AA }
```

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

Here you see how a box with a 4 pixel #BD64AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD64AA; -webkit-box-shadow:4px 4px  
4px 4px #BD64AA; box-shadow:4px 4px 4px  
4px #BD64AA }
```

Background

The CSS property to change the background color of an element to Hex BD64AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD64AA }
```

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

```
.background{ background-color:#BD64AA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor