

Converting Colors

Hex(BD55AD)

Have a look what the booklet for
Hex(BD55AD) contains.

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Color

Hex(BD55AD)

Conversions

Conversions Part 1

Format	Color
Hex	BD55AD
RGB	189, 85, 173
RGB Percent	74%, 33%, 68%
CMY	0.2588, 0.6667, 0.3216
CMYK	0.00, 0.55, 0.08, 0.26
HSL	309°, 44%, 54%
HSV	309°, 55%, 74%
XYZ	31.7776, 20.3329, 41.7850
YIQ	126.1280, 33.7360, 49.4160

Conversions

Conversions Part 2

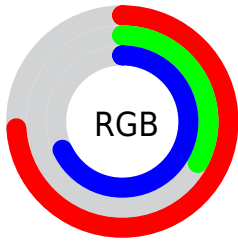
Format	Color
R_{YB}	189, 85, 173
Decimal	12408237
CIE _{Lab}	52.21, 53.01, -27.73
CIE _{LCh}	52, 59.828, 332.384
Yxy	20.3329, 0.3384, 0.2165
Android (android.graphics.Color)	4290598317 (0xFFBD55AD)
YUV	126.1280, 23.1079, 55.1387
Hunter-Lab	45.0921, 46.8826, -23.3771

Details

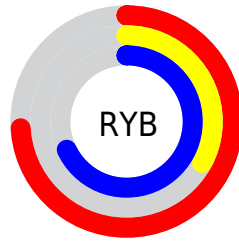
The Hex color **BD55AD** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **55BD65**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **F78BE5**, and **851C78** is the 20% darker color. If you saturate the color by 10%, you get **BD42AA**, and if you desaturate by 10%, it is **BD68B0**.

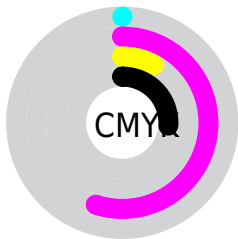
Distribution



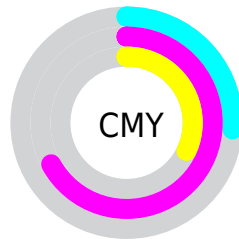
- Red (74%)
- Green (33%)
- Blue (68%)



- Red (74%)
- Yellow (33%)
- Blue (68%)



- Cyan (0%)
- Magenta (55%)
- Yellow (8%)
- Black (26%)



- Cyan (26%)
- Magenta (67%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD55AD 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 BD55AD by changing the saturation by 10% instead.

 BD55AD

 BD55AD

FFFFFF

 A13A92

 F78BE5

 851C78

 FFA7FF

 6A005F

 FFC3FF

 4F0047

 FFE0FF

 370031

 FFFDFD

 1A001B

 000000

 BD55AD

 BD55AD

 BD42AA

 BD68B0

 BD2FA7

 BD7BB3

 BD1CA4

 BD8EB6

 BD09A1

 BDA1B9

 BD00A0

 BDB3BC

 BDC6BE

 BDD9C1

 BDECC4

 BDFFC7

Harmonies

Analogous

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



816DD4



BD55AD



D6477B

Triad

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



BD55AD



917C00



0094B2

Complementary

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



BD55AD



55BD65

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.



00947F



BD55AD



5D8919

Square

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



BD55AD



BA681C



00914A



008ED7

Rectangle

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



BD55AD



D74C59



00914A



0094A2

Sweetspot

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



BD55AD



F5CBEE



6555BD



7A6277



FAFafa



7A7A7A

Same Dimension

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



BD55AD



F553DC



BD5579



5E555D



9E0086



1F001A

Inverse Universe

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



BD55AD



F553DC



55BD99



5E555D



9E0086



1F001A

Previews

White Background



This preview shows how the Hex color BD55AD looks on a white background.

Color Contrast Check

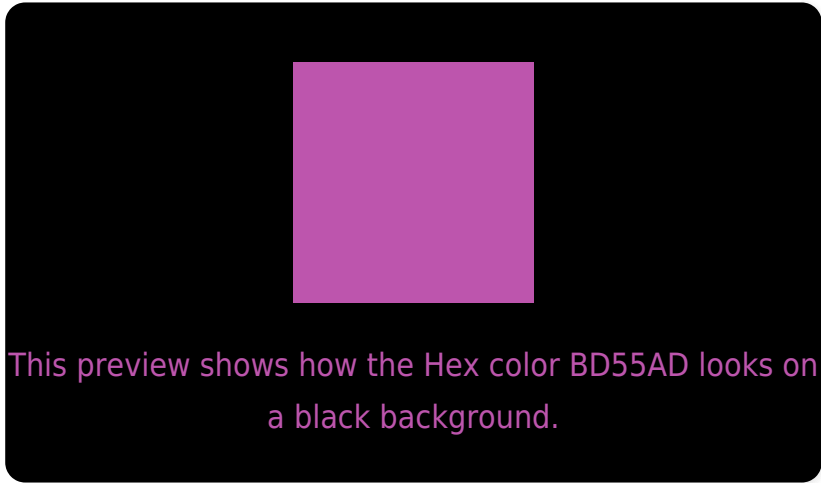
Large Text (above 18pt) WCAG AA ✓ Pass

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

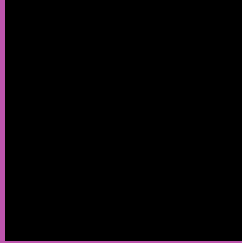
Any Text WCAG AA ✓ Pass

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 BD55AD Background



This preview shows how black text looks on a background with the Hex color BD55AD.

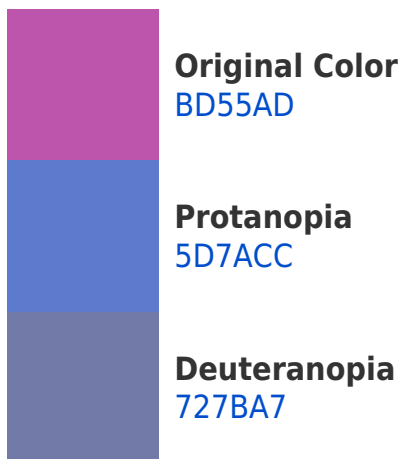



This preview shows how white text looks on a background with the Hex color BD55AD.

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
B6656C

Trichromacy



Original Color
BD55AD



Protanomaly
806DC1



Deuteranomaly
8D6DA9



Tritanomaly
B95F84

Monochromacy



Original Color
BD55AD



Achromatopsia
7E7E7E



Achromatomaly
956F8F

CSS Examples

Text

The CSS property to change the color of the text to Hex BD55AD 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 #BD55AD looks like.

```
.text, #text, p{  
    color:#BD55AD  
}
```

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 #BD55AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD55AD
}
```

Border

The CSS property to change the border of an element to Hex BD55AD 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
#BD55AD }
```

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

```
.border{ border-color:#BD55AD }
```

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

Here you see how a box with a 4 pixel #BD55AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD55AD; -webkit-box-shadow:4px 4px  
4px 4px #BD55AD; box-shadow:4px 4px 4px  
4px #BD55AD }
```

Background

The CSS property to change the background color of an element to Hex BD55AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD55AD }
```

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

```
.background{ background-color:#BD55AD }
```

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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