

Converting Colors

Hex(BD75AE)

Have a look what the booklet for
Hex(BD75AE) contains.

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Color

Hex(**BD75AE**)

Conversions

Conversions Part 1

Format	Color
Hex	BD75AE
RGB	189, 117, 174
RGB Percent	74%, 46%, 68%
CMY	0.2588, 0.5412, 0.3176
CMYK	0.00, 0.38, 0.08, 0.26
HSL	312°, 35%, 60%
HSV	312°, 38%, 74%
XYZ	34.9875, 26.5974, 43.3342
YIQ	145.0260, 24.6150, 32.9910

Conversions

Conversions Part 2

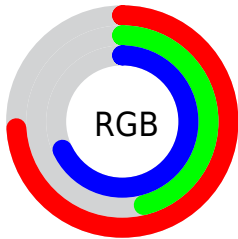
Format	Color
RYB	189, 117, 174
Decimal	12416430
CIELab	58.60, 36.79, -18.49
CIELCh	59, 41.176, 333.312
Yxy	26.5974, 0.3335, 0.2535
Android (android.graphics.Color)	4290606510 (0xFFBD75AE)
YUV	145.0260, 14.2842, 38.5652
Hunter-Lab	51.5727, 30.8445, -13.7178

Details

The Hex color **BD75AE** is a light color, and the websafe version is hex **996699**. A complement of this color would be **75BD84**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **F6AAE6**, and **864279** is the 20% darker color. If you saturate the color by 10%, you get **BD62AA**, and if you desaturate by 10%, it is **BD88B2**.

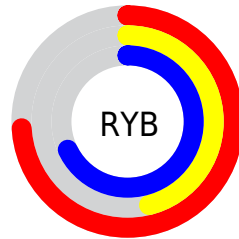
Distribution



Red (74%)

Green (46%)

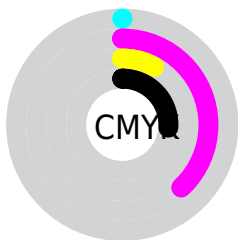
Blue (68%)



Red (74%)

Yellow (46%)

Blue (68%)

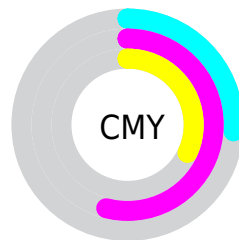


Cyan (0%)

Magenta (38%)

Yellow (8%)

Black (26%)



Cyan (26%)

Magenta (54%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD75AE 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 BD75AE by changing the saturation by 10% instead.

 BD75AE

 BD75AE

FFFFFF

 A15B93

 F6AAE6

 864279

 FFC6FF

 6C2A61

 FFE2FF

 521049

 3A0032

 25001D

 000000

 BD75AE

 BD75AE

 BD62AA

 BD88B2

 BD4FA6

 BD9BB6

 BD3CA2

 BDAEBA

 BD299E

 BDC1BE

 BD169A

 BDD4C2

 BD0496

 BDE6C6

 BD0096

 BDF9CA

 BDFFCE

 BDFFD1

Harmonies

Analogous

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



9582C9



BD75AE



D06F8A

Triad

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



BD75AE



9F8C43



009EB3

Complementary

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



BD75AE



75BD84

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.



00A090



BD75AE



79964F

Square

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



BD75AE



BD7F4D



4B9D6B



0099CD

Rectangle

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



BD75AE



D17172



4B9D6B



009FA8

Sweetspot

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



BD75AE



F5DAEF



8375BD



7A6A77



FAFAFA



7A7A7A

Same Dimension

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



BD75AE



F584DD



BD758B



5E555C



9E007D



1F0018

Inverse Universe

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



BD75AE



F584DD



75BDA7



5E555C



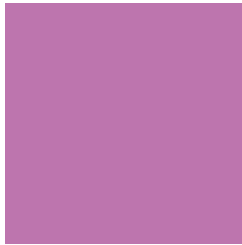
9E007D



1F0018

Previews

White Background



This preview shows how the Hex color BD75AE looks on a white background.

Color Contrast Check

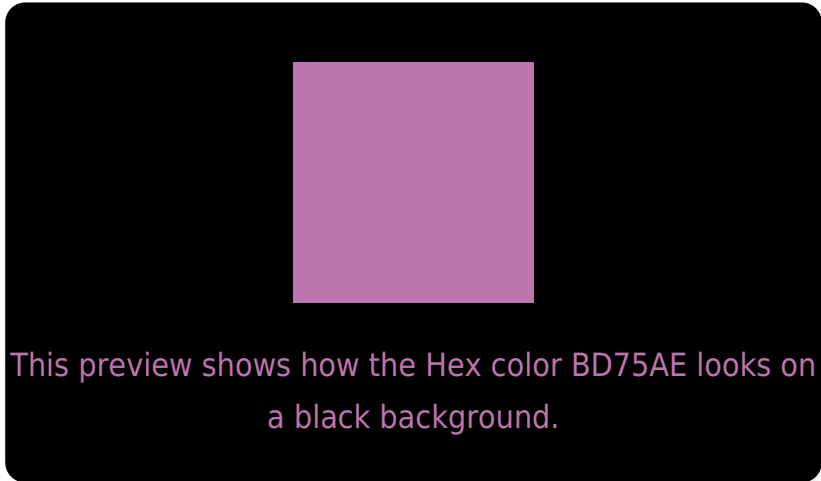
Large Text (above 18pt) WCAG AA ✓ Pass

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

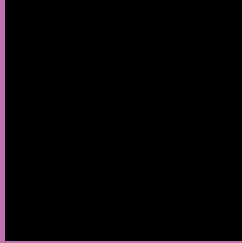
Any Text WCAG AA ✓ Pass

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 BD75AE Background



This preview shows how black text looks on a background with the Hex color BD75AE.

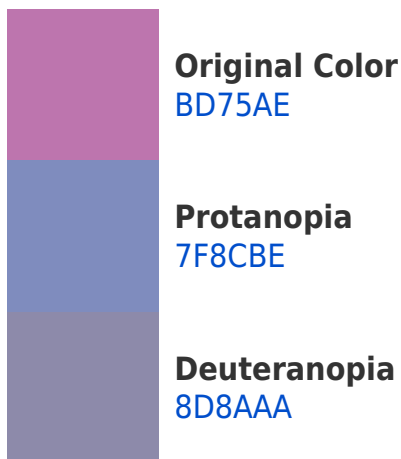



This preview shows how white text looks on a background with the Hex color BD75AE.

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](#).

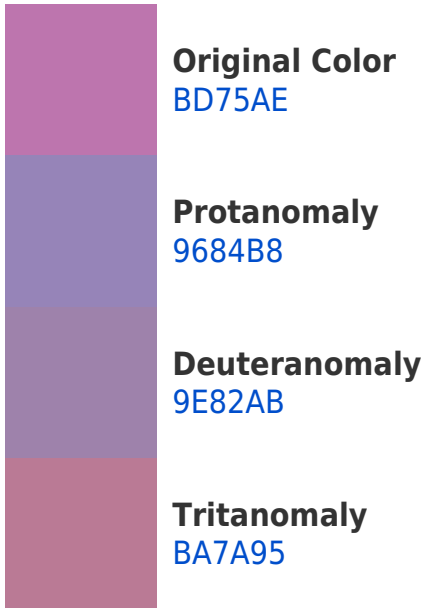
Dichromacy



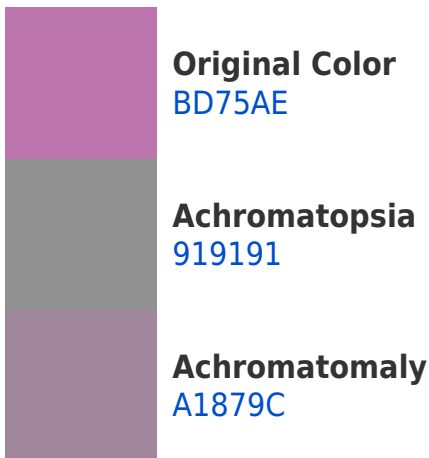


Tritanopia
B87D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD75AE 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 #BD75AE looks like.

```
.text, #text, p{  
    color:#BD75AE  
}
```

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 #BD75AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD75AE
}
```

Border

The CSS property to change the border of an element to Hex BD75AE 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
#BD75AE }
```

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

```
.border{ border-color:#BD75AE }
```

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

Here you see how a box with a 4 pixel #BD75AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD75AE; -webkit-box-shadow:4px 4px  
4px 4px #BD75AE; box-shadow:4px 4px 4px  
4px #BD75AE }
```

Background

The CSS property to change the background color of an element to Hex BD75AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD75AE }
```

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

```
.background{ background-color:#BD75AE }
```

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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