

Converting Colors

Hex(BD3E6D)

Have a look what the booklet for
Hex(BD3E6D) contains.

Hex(BD3E6D)	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(BD3E6D)

Conversions

Conversions Part 1

Format	Color
Hex	BD3E6D
RGB	189, 62, 109
RGB Percent	74%, 24%, 43%
CMY	0.2588, 0.7569, 0.5725
CMYK	0.00, 0.67, 0.42, 0.26
HSL	338°, 51%, 49%
HSV	338°, 67%, 74%
XYZ	25.4692, 15.3682, 16.0920
YIQ	105.3310, 60.6050, 41.5410

Conversions

Conversions Part 2

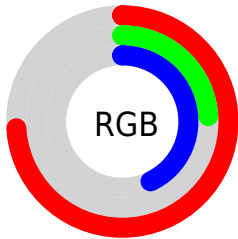
Format	Color
R_{YB}	189, 62, 109
Decimal	12402285
CIE Lab	46.13, 54.53, 1.39
CIE LCh	46, 54.548, 1.457
Yxy	15.3682, 0.4474, 0.2700
Android (android.graphics.Color)	4290592365 (0xFFBD3E6D)
YUV	105.3310, 1.8088, 73.3777
Hunter-Lab	39.2023, 47.3651, 3.1039

Details

The Hex color **BD3E6D** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **3EBD8E**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **F975A0**, and **83003E** is the 20% darker color. If you saturate the color by 10%, you get **BD2B61**, and if you desaturate by 10%, it is **BD5179**.

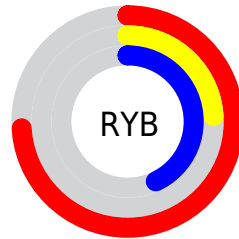
Distribution



Red (74%)

Green (24%)

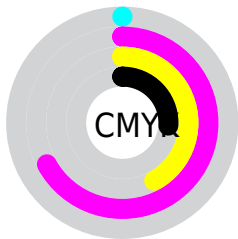
Blue (43%)



Red (74%)

Yellow (24%)

Blue (43%)

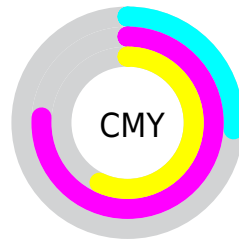


Cyan (0%)

Magenta (67%)

Yellow (42%)

Black (26%)



Cyan (26%)

Magenta (76%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD3E6D 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 BD3E6D by changing the saturation by 10% instead.

 BD3E6D

 BD3E6D

FFFFFF

 A01F55

 F975A0

 83003E

 FF91BB

 660028

 FFADD7

 4A0014

 FFCAF3

 300002

 FFE7FF

 000000

 BD3E6D

 BD3E6D

 BD2B61

 BD5179

 BD1855

 BD6485

 BD0549

 BD7791

 BD0046

 BD8A9D

 BD9CA9

 BDAFB4

 BDC2C0

 BDD5CC

 BDE8D8

Harmonies

Analogous

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



A64B9A



BD3E6D



BB4740

Triad

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



BD3E6D



537813



007DBD

Complementary

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



BD3E6D



3EBD8E

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.



00829C



BD3E6D



007F3F

Square

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



BD3E6D



816C00



00826E



0072C9

Rectangle

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



BD3E6D



AE5325



00826E



007FB4

Sweetspot

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



BD3E6D



F5C4D6



8C3EBD



7A5D68



FAFAFA



7A7A7A

Same Dimension

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



BD3E6D



F52F78



BD4D3E



5E5558



9E003B



1F000B

Inverse Universe

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



BD3E6D



F52F78



3EAEBD



5E5558



9E003B



1F000B

Previews

White Background



This preview shows how the Hex color BD3E6D looks on a white background.

Color Contrast Check

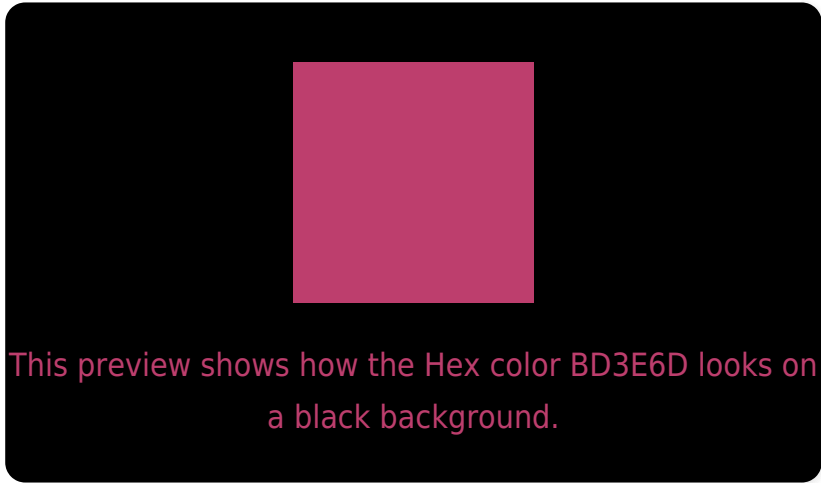
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

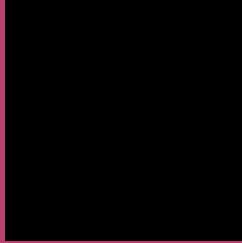
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex BD3E6D Background



This preview shows how black text looks on a background with the Hex color BD3E6D.

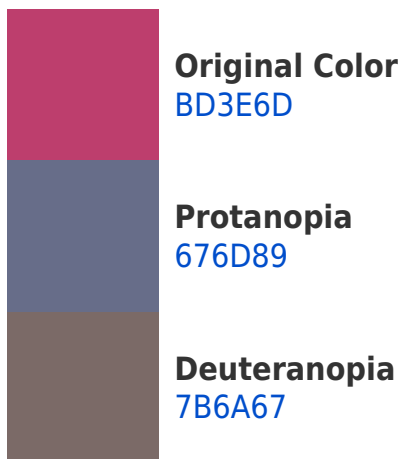



This preview shows how white text looks on a background with the Hex color BD3E6D.

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
BB464A

Trichromacy



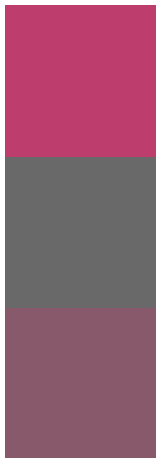
Original Color
BD3E6D

Protanomaly
865C7F

Deuteranomaly
935A69

Tritanomaly
BC4357

Monochromacy



Original Color
BD3E6D

Achromatopsia
696969

Achromatomaly
88596A

CSS Examples

Text

The CSS property to change the color of the text to Hex BD3E6D 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 #BD3E6D looks like.

```
.text, #text, p{  
    color:#BD3E6D  
}
```

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 #BD3E6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD3E6D
}
```

Border

The CSS property to change the border of an element to Hex BD3E6D 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
#BD3E6D }
```

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

```
.border{ border-color:#BD3E6D }
```

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

Here you see how a box with a 4 pixel #BD3E6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD3E6D; -webkit-box-shadow:4px 4px  
4px 4px #BD3E6D; box-shadow:4px 4px 4px  
4px #BD3E6D }
```

Background

The CSS property to change the background color of an element to Hex BD3E6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD3E6D }
```

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

```
.background{ background-color:#BD3E6D }
```

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