

Converting Colors

Hex(BD3E50)

Have a look what the booklet for
Hex(BD3E50) contains.

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Color

Hex(BD3E50)

Conversions

Conversions Part 1

Format	Color
Hex	BD3E50
RGB	189, 62, 80
RGB Percent	74%, 24%, 31%
CMY	0.2588, 0.7569, 0.6863
CMYK	0.00, 0.67, 0.58, 0.26
HSL	351°, 51%, 49%
HSV	351°, 67%, 74%
XYZ	24.1569, 14.8433, 9.1812
YIQ	102.0250, 69.9140, 32.5220

Conversions

Conversions Part 2

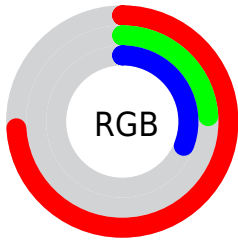
Format	Color
RYB	189, 62, 80
Decimal	12402256
CIELab	45.42, 51.98, 18.19
CIELCh	45, 55.072, 19.289
Yxy	14.8433, 0.5014, 0.3081
Android (android.graphics.Color)	4290592336 (0xFFBD3E50)
YUV	102.0250, -10.8583, 76.2771
Hunter-Lab	38.5269, 44.4995, 12.8396

Details

The Hex color **BD3E50** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3EBDAB**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FA7581**, and **820024** is the 20% darker color. If you saturate the color by 10%, you get **BD2B40**, and if you desaturate by 10%, it is **BD5160**.

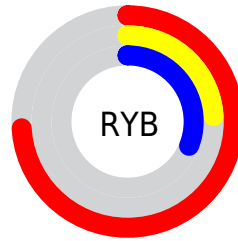
Distribution



Red (74%)

Green (24%)

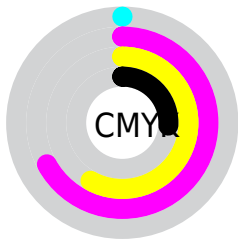
Blue (31%)



Red (74%)

Yellow (24%)

Blue (31%)

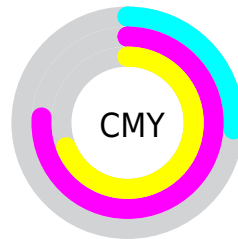


Cyan (0%)

Magenta (67%)

Yellow (58%)

Black (26%)



Cyan (26%)

Magenta (76%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD3E50 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 BD3E50 by changing the saturation by 10% instead.

 BD3E50

 BD3E50

FFFFFF

 9F2039

 FA7581

 820024

 FF909B

 64000F

 FFACB6

 480000

 FFC9D1

 2C0001

 FFE6EE

 000000

 BD3E50

 BD3E50

 BD2B40

 BD5160

 BD1830

 BD6470

 BD051F

 BD7781

 BD001B

 BD8A91

 BD9CA1

 BD AFB1

 BDC2C2

 BDD5D2

 BDE8E2

Harmonies

Analogous

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



B53E7E



BD3E50



AE5026

Triad

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



BD3E50



297B2B



0076C6

Complementary

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



BD3E50



3EBDAB

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.



007EB1



BD3E50



008059

Square

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



BD3E50



657200



008189



4766C3

Rectangle

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



BD3E50



9B5D08



008189



0079C2

Sweetspot

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



BD3E50



F5C4CB



AA3EBD



7A5D61



FAFAFA



7A7A7A

Same Dimension

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



BD3E50



F52F4B



BD6A3E



5E5556



9E0016



1F0004

Inverse Universe

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



BD3E50



F52F4B



3E91BD



5E5556



9E0016



1F0004

Previews

White Background



This preview shows how the Hex color BD3E50 looks on a white background.

Color Contrast Check

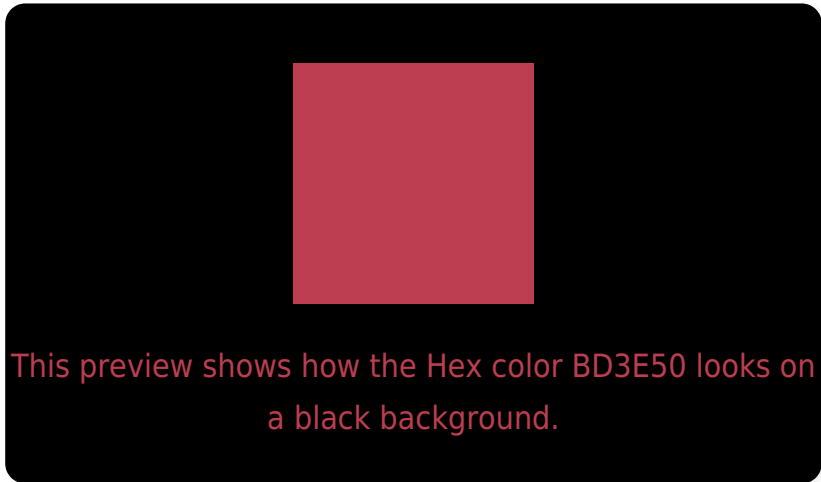
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD3E50 Background



This preview shows how black text looks on a background with the Hex color BD3E50.

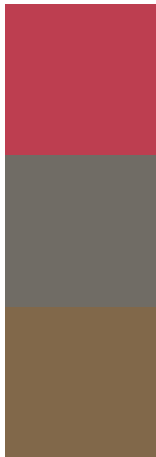


This preview shows how white text looks on a background with the Hex color BD3E50.

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



Original Color
BD3E50

Protanopia
706C65

Deuteranopia
81684A

Trichromacy



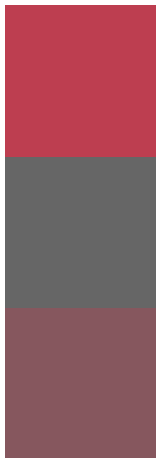
Original Color
BD3E50

Protanomaly
8C5B5D

Deuteranomaly
97594C

Tritanomaly
BC3F48

Monochromacy



Original Color
BD3E50

Achromatopsia
666666

Achromatomaly
86575E

CSS Examples

Text

The CSS property to change the color of the text to Hex BD3E50 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 #BD3E50 looks like.

```
.text, #text, p{  
    color:#BD3E50  
}
```

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 #BD3E50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD3E50  
}
```

Border

The CSS property to change the border of an element to Hex BD3E50 is called "border". The border property can be set on classes, ids or directly on the HTML element.

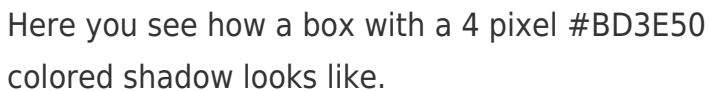
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#BD3E50 }
```

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

```
.border{ border-color:#BD3E50 }
```

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



Here you see how a box with a 4 pixel `#BD3E50` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD3E50; -webkit-box-shadow:4px 4px  
4px 4px #BD3E50; box-shadow:4px 4px 4px  
4px #BD3E50 }
```

Background

The CSS property to change the background color of an element to Hex BD3E50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD3E50 }
```

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

```
.background{ background-color:#BD3E50 }
```

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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