

# Converting Colors

Hex(BD4856)

Have a look what the booklet for  
Hex(BD4856) contains.

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# Color

**Hex(BD4856)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | BD4856                     |
| RGB         | 189, 72, 86                |
| RGB Percent | 74%, 28%, 34%              |
| CMY         | 0.2588, 0.7176, 0.6627     |
| CMYK        | 0.00, 0.62, 0.54, 0.26     |
| HSL         | 353°, 47%, 51%             |
| HSV         | 353°, 62%, 74%             |
| XYZ         | 24.9833, 16.1254, 10.5999  |
| YIQ         | 108.5790, 65.2380, 29.1580 |

# Conversions

## Conversions Part 2

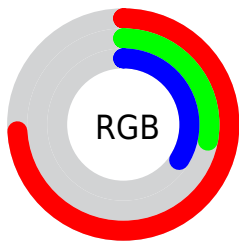
| <b>Format</b>                       | <b>Color</b>   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">189, 72, 86</a>                                  |
| Decimal                             | <a href="#">12404822</a>                                     |
| CIELab                              | <a href="#">47.14, 48.14, 16.86</a>                          |
| CIElCh                              | <a href="#">47, 51.004, 19.297</a>                           |
| Yxy                                 | <a href="#">16.1254, 0.4832, 0.3119</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4290594902</a><br>( <a href="#">0xFFBD4856</a> ) |
| YUV                                 | <a href="#">108.5790, -11.1314, 70.5292</a>                  |
| Hunter-Lab                          | <a href="#">40.1565, 40.7799, 12.4591</a>                    |

# Details

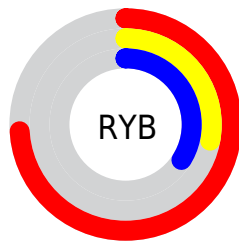
The Hex color **BD4856** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **48BDAF**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FA7E88**, and **820A29** is the 20% darker color. If you saturate the color by 10%, you get **BD3545**, and if you desaturate by 10%, it is **BD5B67**.

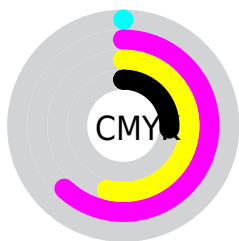
# Distribution



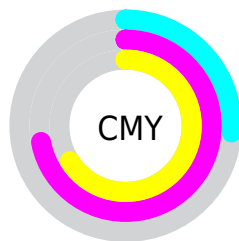
- Red (74%)
- Green (28%)
- Blue (34%)



- Red (74%)
- Yellow (28%)
- Blue (34%)



- Cyan (0%)
- Magenta (62%)
- Yellow (54%)
- Black (26%)



- Cyan (26%)
- Magenta (72%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD4856 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 BD4856 by changing the saturation by 10% instead.



 BD4856

 BD4856

FFFFFF

 9F2D3F

 FA7E88

 820A29

 FF99A2

 650015

 FFB5BD

 490000

 FFD1D8

 2F0002

 FFEEF5

 000000

 BD4856

 BD4856

 BD3545

 BD5B67

 BD2235

 BD6E77

 BD0F24

 BD8188

 BD0017

 BD9499

 BDA7A9

 BDB9BA

 BDCCCA

 BDDFDB

 BDF2EC

# Harmonies

## Analogous

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



B54881



BD4856



AF572F

# Triad

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



BD4856



367F34



0079C4

# Complementary

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



BD4856



48BDAF

# 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.



0081B0



BD4856



00835E

# Square

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



BD4856



6B7613



00848B



526BC1

# Rectangle

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



BD4856



9D631A



00848B



007CC0



# Sweetspot

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



BD4856



F5C6CC



AD48BD



7A5E62



FAFAFA



7A7A7A



# Same Dimension

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



BD4856



F54055



BD7348



5E5556



9E0013



1F0004



# Inverse Universe

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



BD4856



F54055



4892BD



5E5556



9E0013

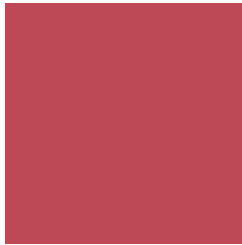


1F0004



# Previews

## White Background



This preview shows how the Hex color BD4856 looks on a white background.

## Color Contrast Check

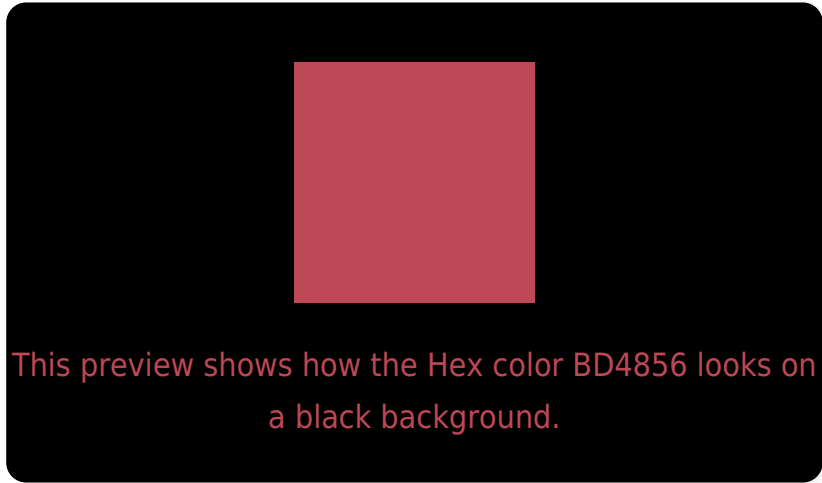
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD4856 Background



This preview shows how black text looks on a background with the Hex color BD4856.

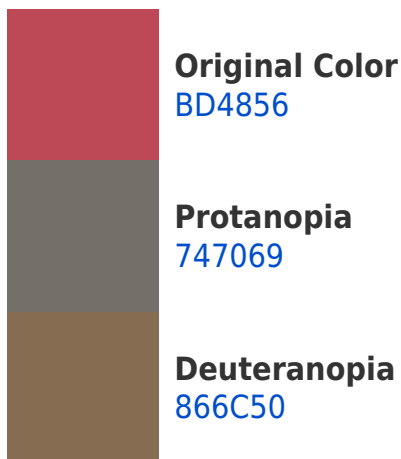


This preview shows how white text looks on a background with the Hex color BD4856.

# 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**  
BD494E

# Trichromacy



**Original Color**  
BD4856

**Protanomaly**  
8F6162

**Deuteranomaly**  
9A5F52

**Tritanomaly**  
BD4951

# Monochromacy



**Original Color**  
BD4856

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
8A6065

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD4856 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 #BD4856 looks like.

```
.text, #text, p{  
  color:#BD4856  
}
```

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 #BD4856 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD4856
}
```

## Border

The CSS property to change the border of an element to Hex BD4856 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
#BD4856 }
```

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

```
.border{ border-color:#BD4856 }
```

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

Here you see how a box with a 4 pixel #BD4856 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD4856; -webkit-box-shadow:4px 4px  
4px 4px #BD4856; box-shadow:4px 4px 4px  
4px #BD4856 }
```

# Background

The CSS property to change the background color of an element to Hex BD4856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD4856 }
```

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

```
.background{ background-color:#BD4856 }
```

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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