

Converting Colors

Hex(BD4782)

Have a look what the booklet for
Hex(BD4782) contains.

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Color

Hex(BD4782)

Conversions

Conversions Part 1

Format	Color
Hex	BD4782
RGB	189, 71, 130
RGB Percent	74%, 28%, 51%
CMY	0.2588, 0.7216, 0.4902
CMYK	0.00, 0.62, 0.31, 0.26
HSL	330°, 47%, 51%
HSV	330°, 62%, 74%
XYZ	27.2688, 16.9370, 22.9510
YIQ	113.0080, 51.3890, 43.3650

Conversions

Conversions Part 2

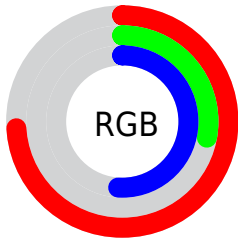
Format	Color
R_{YB}	189, 71, 130
Decimal	12404610
CIE _{Lab}	48.18, 53.13, -8.37
CIE _{LCh}	48, 53.786, 351.047
Yxy	16.9370, 0.4060, 0.2522
Android (android.graphics.Color)	4290594690 (0xFFBD4782)
YUV	113.0080, 8.3771, 66.6450
Hunter-Lab	41.1546, 46.2524, -4.2566

Details

The Hex color **BD4782** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **47BD82**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **F87EB7**, and **840251** is the 20% darker color. If you saturate the color by 10%, you get **BD3479**, and if you desaturate by 10%, it is **BD5A8B**.

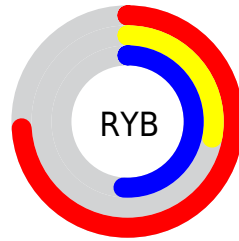
Distribution



Red (74%)

Green (28%)

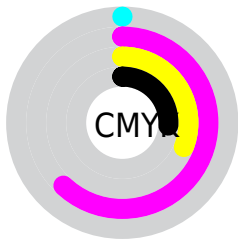
Blue (51%)



Red (74%)

Yellow (28%)

Blue (51%)

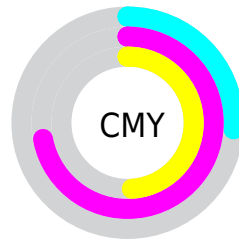


Cyan (0%)

Magenta (62%)

Yellow (31%)

Black (26%)



Cyan (26%)

Magenta (72%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD4782 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 BD4782 by changing the saturation by 10% instead.

 BD4782

 BD4782

FFFFFF

 A02A69

 F87EB7

 840251

 FF99D3

 68003A

 FFB5EF

 4D0024

 FFD2FF

 34000E

 FFEFFF

 060000

 000000

 BD4782

 BD4782

 BD3479

 BD5A8B

 BD216F

 BD6D95

 BD0E66

 BD809E

 BD005F

 BD93A8

 BDA6B1

 BDB8BB

 BDCBC4

 BDDECE

 BDF1D7

Harmonies

Analogous

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



9C58AC



BD4782



C34855

Triad

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



BD4782



6A7A0E



0084B8

Complementary

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



BD4782



47BD82

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.



008892



BD4782



2F8235

Square

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



BD4782



946B09



008763



007CCC

Rectangle

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



BD4782



BB5239



008763



0086AD

Sweetspot

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



BD4782



F5C6DE



8247BD



7A5E6C



FAFAFA



7A7A7A

Same Dimension

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



BD4782



F53D99



BD4747



5E555A



9E004F



1F000F

Inverse Universe

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



BD4782



F53D99



47BDBD



5E555A



9E004F



1F000F

Previews

White Background



This preview shows how the Hex color BD4782 looks on a white background.

Color Contrast Check

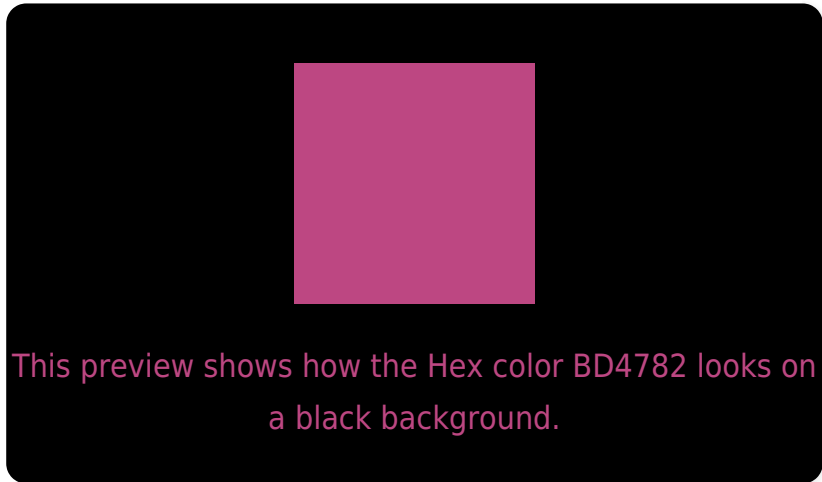
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD4782 Background



This preview shows how black text looks on a background with the Hex color BD4782.



This preview shows how white text looks on a background with the Hex color BD4782.

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
B95156

Trichromacy



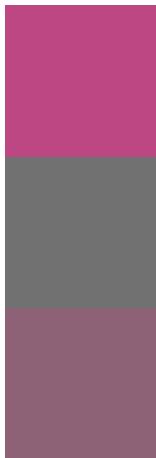
Original Color
BD4782

Protanomaly
856294

Deuteranomaly
92617E

Tritanomaly
BA4D66

Monochromacy



Original Color
BD4782

Achromatopsia
717171

Achromatomaly
8D6277

CSS Examples

Text

The CSS property to change the color of the text to Hex BD4782 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 #BD4782 looks like.

```
.text, #text, p{  
    color:#BD4782  
}
```

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 #BD4782 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD4782
}
```

Border

The CSS property to change the border of an element to Hex BD4782 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
#BD4782 }
```

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

```
.border{ border-color:#BD4782 }
```

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

Here you see how a box with a 4 pixel #BD4782 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD4782; -webkit-box-shadow:4px 4px  
4px 4px #BD4782; box-shadow:4px 4px 4px  
4px #BD4782 }
```

Background

The CSS property to change the background color of an element to Hex BD4782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD4782 }
```

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

```
.background{ background-color:#BD4782 }
```

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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