

# Converting Colors

Hex(BD4972)

Have a look what the booklet for  
Hex(BD4972) contains.

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# Color

**Hex(BD4972)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD4972
RGB	189, 73, 114
RGB Percent	74%, 29%, 45%
CMY	0.2588, 0.7137, 0.5529
CMYK	0.00, 0.61, 0.40, 0.26
HSL	339°, 47%, 51%
HSV	339°, 61%, 74%
XYZ	26.4061, 16.7988, 17.7703
YIQ	112.3580, 55.9750, 37.3430

# Conversions

## Conversions Part 2

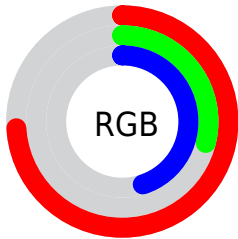
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">189, 73, 114</a>
Decimal	<a href="#">12405106</a>
CIELab	<a href="#">48.01, 50.37, 1.06</a>
CIElCh	<a href="#">48, 50.381, 1.203</a>
Yxy	<a href="#">16.7988, 0.4331, 0.2755</a>
Android (android.graphics.Color)	<a href="#">4290595186</a> ( <a href="#">0xFFBD4972</a> )
YUV	<a href="#">112.3580, 0.8095, 67.2150</a>
Hunter-Lab	<a href="#">40.9864, 43.2752, 2.9843</a>

# Details

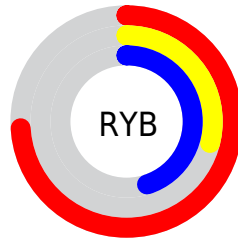
The Hex color **BD4972** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **49BD94**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **F97FA6**, and **830942** is the 20% darker color. If you saturate the color by 10%, you get **BD3666**, and if you desaturate by 10%, it is **BD5C7E**.

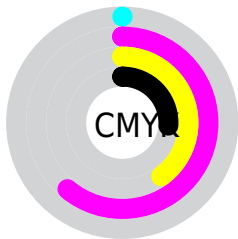
# Distribution



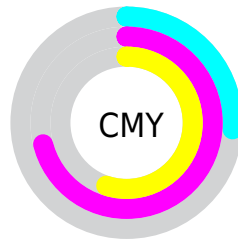
- Red (74%)
- Green (29%)
- Blue (45%)



- Red (74%)
- Yellow (29%)
- Blue (45%)



- Cyan (0%)
- Magenta (61%)
- Yellow (40%)
- Black (26%)



- Cyan (26%)
- Magenta (71%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD4972 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 BD4972 by changing the saturation by 10% instead.



 BD4972

 BD4972

FFFFFF

 A02D5A

 F97FA6

 830942

 FF9AC1

 67002C

 FFB6DD

 4C0018

 FFD3F9

 330002

 FFF0FF

 000000

 BD4972

 BD4972

 BD3666

 BD5C7E

 BD235A

 BD6F8A

 BD104D

 BD8297

 BD0043

 BD95A3

 BDA8AF

 BDBABB

 BDCDC8

 BDE0D4

 BDF3E0

# Harmonies

## Analogous

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



A7539C



BD4972



BC5048

# Triad

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



BD4972



5B7C22



0081BC

# Complementary

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



BD4972



49BD94

# 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.



00869D



BD4972



108347

# Square

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



BD4972



867011



008672



0076C7

# Rectangle

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



BD4972



B05A30



008672



0083B4



# Sweetspot

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



BD4972



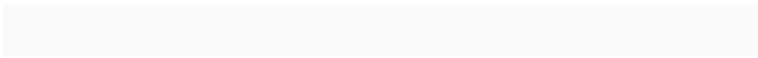
F5C9D8



9249BD



7A5F69



FAFAFA



7A7A7A



# Same Dimension

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



BD4972



F54080



BD5849



5E5558



9E0038



1F000B



# Inverse Universe

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



BD4972



F54080



49AEBD



5E5558



9E0038



1F000B



# Previews

## White Background



This preview shows how the Hex color BD4972 looks on a white background.

## Color Contrast Check

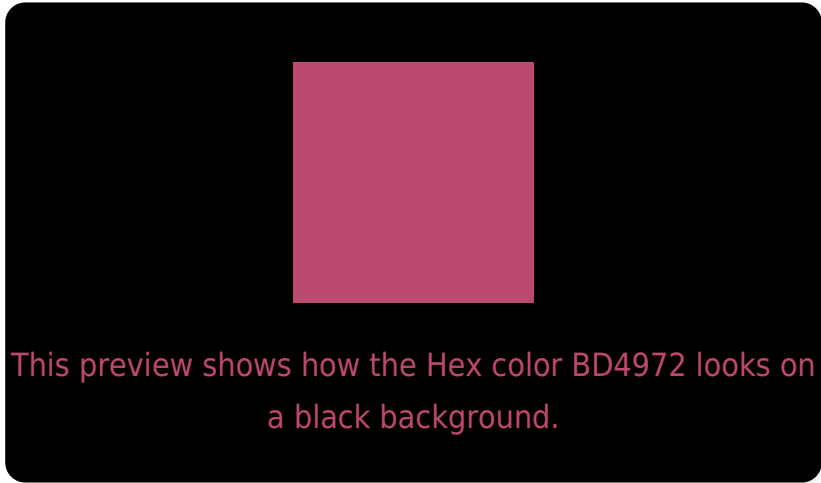
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD4972 Background



This preview shows how black text looks on a background with the Hex color BD4972.



This preview shows how white text looks on a background with the Hex color BD4972.

# 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**  
BD4972

**Protanopia**  
6D728B

**Deuteranopia**  
806F6C



**Tritanopia**  
BB4F54

# Trichromacy



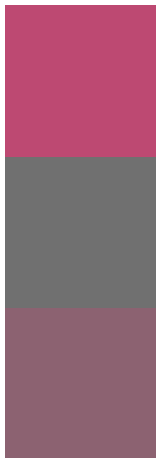
**Original Color**  
BD4972

**Protanomaly**  
8A6382

**Deuteranomaly**  
96616E

**Tritanomaly**  
BC4D5F

# Monochromacy



**Original Color**  
BD4972

**Achromatopsia**  
707070

**Achromatomaly**  
8C6271

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD4972 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 #BD4972 looks like.

```
.text, #text, p{  
    color:#BD4972  
}
```

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 #BD4972 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD4972
}
```

## Border

The CSS property to change the border of an element to Hex BD4972 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
#BD4972 }
```

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

```
.border{ border-color:#BD4972 }
```

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

Here you see how a box with a 4 pixel #BD4972 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD4972; -webkit-box-shadow:4px 4px  
4px 4px #BD4972; box-shadow:4px 4px 4px  
4px #BD4972 }
```

# Background

The CSS property to change the background color of an element to Hex BD4972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD4972 }
```

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

```
.background{ background-color:#BD4972 }
```

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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