

# Converting Colors

Hex(BD0984)

Have a look what the booklet for  
Hex(BD0984) contains.

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# Color

**Hex(BD0984)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD0984
RGB	189, 9, 132
RGB Percent	74%, 4%, 52%
CMY	0.2588, 0.9647, 0.4824
CMYK	0.00, 0.95, 0.30, 0.26
HSL	319°, 91%, 39%
HSV	319°, 95%, 74%
XYZ	25.2488, 12.6801, 22.9465
YIQ	76.8420, 67.7970, 76.4130

# Conversions

## Conversions Part 2

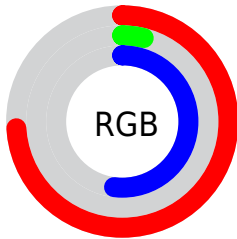
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 9, 132
Decimal	12388740
CIELab	42.28, 70.22, -18.54
CIELCh	42, 72.630, 345.210
Yxy	12.6801, 0.4148, 0.2083
Android (android.graphics.Color)	4290578820 (0xFFBD0984)
YUV	76.8420, 27.1929, 98.3626
Hunter-Lab	35.6092, 64.2500, -13.2800

# Details

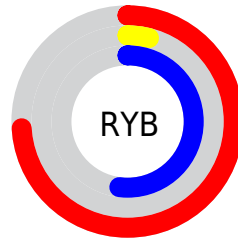
The Hex color **BD0984** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **09BD42**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **F958B9**, and **820052** is the 20% darker color. If you saturate the color by 10%, you get **BD0081**, and if you desaturate by 10%, it is **BD1C8A**.

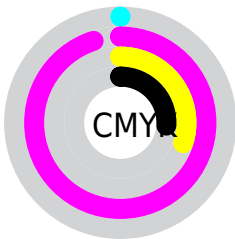
# Distribution



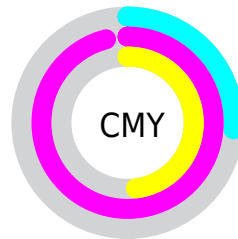
- Red (74%)
- Green (4%)
- Blue (52%)



- Red (74%)
- Yellow (4%)
- Blue (52%)



- Cyan (0%)
- Magenta (95%)
- Yellow (30%)
- Black (26%)



- Cyan (26%)
- Magenta (96%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD0984 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 BD0984 by changing the saturation by 10% instead.



 BD0984

 BD0984

FFFFFF

 9F006B

 F958B9

 820052

 FF76D5

 66003B

 FF93F1

 4A0025

 FFB0FF

 2E000E

 FFCDFE

 000000

 FFE8FF

 BD0984

 BD0984

 BD0081

 BD1C8A

 BD2F90

 BD4296

 BD559C

 BD68A2

 BD7AA8

 BD8DAE

 BDA0B4

 BDB3BA

# Harmonies

## Analogous

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



8941B9



BD0984



C90049

# Triad

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



BD0984



5E6B00



007BB9

# Complementary

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



BD0984



09BD42

# 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.



007D82



BD0984



007600

# Square

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



BD0984



925600



007B43



0074D9

# Rectangle

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



BD0984



C02522



007B43



007CA8



# Sweetspot

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



BD0984



F5AEDE



4209BD



7A506D



FAFAFA



7A7A7A



# Same Dimension

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



BD0984



F500A7



BD092A



5E555B



9E006C



1F0015



# Inverse Universe

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



BD0984



F500A7



09BD9C



5E555B



9E006C



1F0015



# Previews

## White Background



This preview shows how the Hex color BD0984 looks on a white background.

## Color Contrast Check

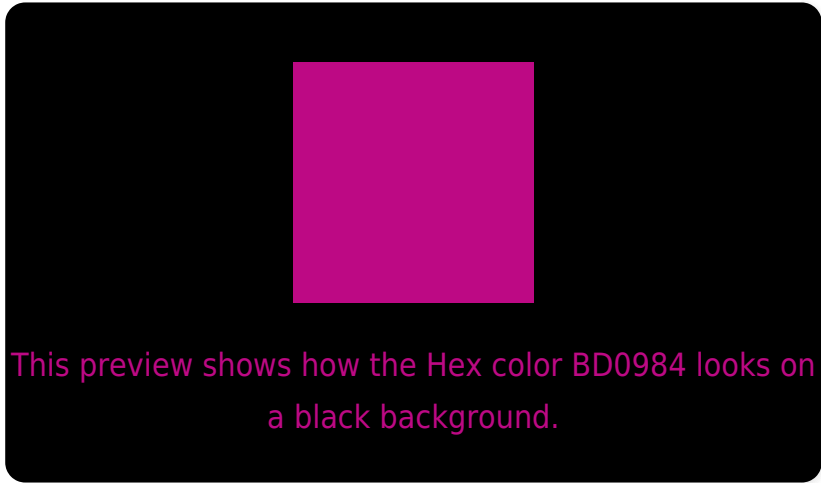
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD0984 Background



This preview shows how black text looks on a background with the Hex color BD0984.



This preview shows how white text looks on a background with the Hex color BD0984.

# 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**  
B83537

# Trichromacy



**Original Color**  
BD0984



**Protanomaly**  
6842A8



**Deuteranomaly**  
85427E



**Tritanomaly**  
BA2553

# Monochromacy



**Original Color**  
BD0984



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
763461

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD0984 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 #BD0984 looks like.

```
.text, #text, p{  
    color:#BD0984  
}
```

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 #BD0984 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD0984
}
```

## Border

The CSS property to change the border of an element to Hex BD0984 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
#BD0984 }
```

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

```
.border{ border-color:#BD0984 }
```

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

Here you see how a box with a 4 pixel #BD0984 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD0984; -webkit-box-shadow:4px 4px  
4px 4px #BD0984; box-shadow:4px 4px 4px  
4px #BD0984 }
```

# Background

The CSS property to change the background color of an element to Hex BD0984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD0984 }
```

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

```
.background{ background-color:#BD0984 }
```

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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