

# Converting Colors

Hex(BD0F9D)

Have a look what the booklet for  
Hex(BD0F9D) contains.

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**Color**

**Hex(BD0F9D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD0F9D
RGB	189, 15, 157
RGB Percent	74%, 6%, 62%
CMY	0.2588, 0.9412, 0.3843
CMYK	0.00, 0.92, 0.17, 0.26
HSL	311°, 85%, 40%
HSV	311°, 92%, 74%
XYZ	27.2429, 13.5948, 33.0865
YIQ	83.2140, 58.1220, 81.0500

# Conversions

## Conversions Part 2

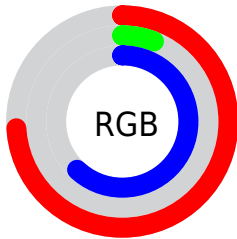
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 15, 157
Decimal	12390301
CIE Lab	43.65, 72.57, -31.62
CIE LCh	44, 79.162, 336.455
Yxy	13.5948, 0.3685, 0.1839
Android (android.graphics.Color)	4290580381 (0xFFBD0F9D)
YUV	83.2140, 36.3765, 92.7743
Hunter-Lab	36.8711, 67.3636, -27.3944

# Details

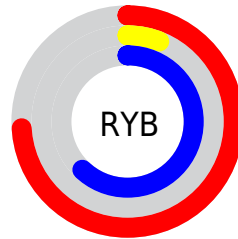
The Hex color **BD0F9D** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **0FBD2F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **F95BD4**, and **830069** is the 20% darker color. If you saturate the color by 10%, you get **BD009A**, and if you desaturate by 10%, it is **BD22A0**.

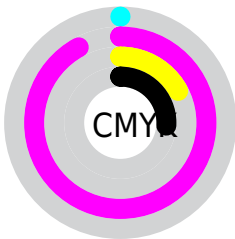
# Distribution



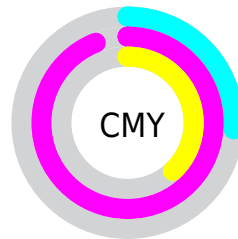
- Red (74%)
- Green (6%)
- Blue (62%)



- Red (74%)
- Yellow (6%)
- Blue (62%)



- Cyan (0%)
- Magenta (92%)
- Yellow (17%)
- Black (26%)



- Cyan (26%)
- Magenta (94%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD0F9D 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 BD0F9D by changing the saturation by 10% instead.



 BD0F9D

 BD0F9D

FFFFFF

 A00083

 F95BD4

 830069

 FF79F0

 660051

 FF96FF

 4B0039

 FFB3FF

 300023

 FFD1FF

 010008

 FFEEFF

 000000

 BD0F9D

 BD0F9D

 BD009A

 BD22A0

 BD35A4

 BD48A7

 BD5BAB

 BD6EAE

 BD80B2

 BD93B5

 BDA6B9

 BDB9BC

# Harmonies

## Analogous

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



734DD3



BD0F9D



D5005C

# Triad

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



BD0F9D



726900



0081B5

# Complementary

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



BD0F9D



0FBD2F

# 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.



008174



BD0F9D



217800

# Square

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



BD0F9D



A64F00



007F2E



007CE1

# Rectangle

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



BD0F9D



D10032



007F2E



0082A0



# Sweetspot

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



BD0F9D



F5B0E8



2F0FBD



7A5173



FAFAFA



7A7A7A



# Same Dimension

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



BD0F9D



F500C8



BD0F46



5E555D



9E0081



1F0019



# Inverse Universe

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



BD0F9D



F500C8



0FBD86



5E555D



9E0081



1F0019



# Previews

## White Background



This preview shows how the Hex color BD0F9D looks on a white background.

## Color Contrast Check

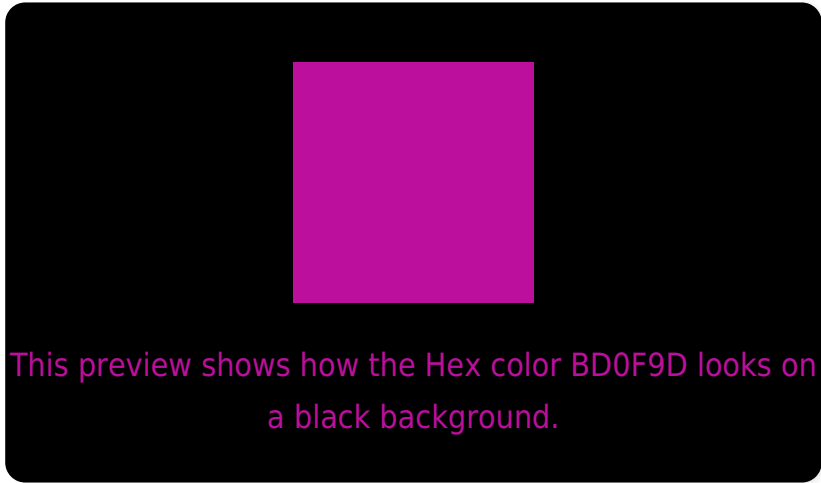
Large Text (above 18pt) WCAG AA ✓ Pass

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

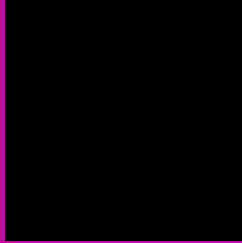
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BD0F9D Background



This preview shows how black text looks on a background with the Hex color BD0F9D.



This preview shows how white text looks on a background with the Hex color BD0F9D.

# 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**  
B53F42

# Trichromacy



**Original Color**  
BD0F9D



**Protanomaly**  
4546C2



**Deuteranomaly**  
7D4897



**Tritanomaly**  
B82E63

# Monochromacy



**Original Color**  
BD0F9D



**Achromatopsia**  
535353



**Achromatomaly**  
7A3A6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD0F9D 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 #BD0F9D looks like.

```
.text, #text, p{  
    color:#BD0F9D  
}
```

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 #BD0F9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD0F9D
}
```

## Border

The CSS property to change the border of an element to Hex BD0F9D 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
#BD0F9D }
```

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

```
.border{ border-color:#BD0F9D }
```

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

Here you see how a box with a 4 pixel #BD0F9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD0F9D; -webkit-box-shadow:4px 4px  
4px 4px #BD0F9D; box-shadow:4px 4px 4px  
4px #BD0F9D }
```

# Background

The CSS property to change the background color of an element to Hex BD0F9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD0F9D }
```

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

```
.background{ background-color:#BD0F9D }
```

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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