

# Converting Colors

Hex(BD0964)

Have a look what the booklet for  
Hex(BD0964) contains.

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**Color**

**Hex(BD0964)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD0964
RGB	189, 9, 100
RGB Percent	74%, 4%, 39%
CMY	0.2588, 0.9647, 0.6078
CMYK	0.00, 0.95, 0.47, 0.26
HSL	330°, 91%, 39%
HSV	330°, 95%, 74%
XYZ	23.3842, 11.9343, 13.1277
YIQ	73.1940, 78.0690, 66.4610

# Conversions

## Conversions Part 2

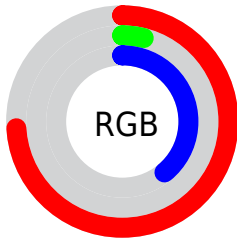
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 9, 100
Decimal	12388708
CIE Lab	41.11, 67.13, -0.34
CIE LCh	41, 67.134, 359.714
Yxy	11.9343, 0.4827, 0.2463
Android (android.graphics.Color)	4290578788 (0xFFBD0964)
YUV	73.1940, 13.2154, 101.5619
Hunter-Lab	34.5460, 60.3710, 1.6518

# Details

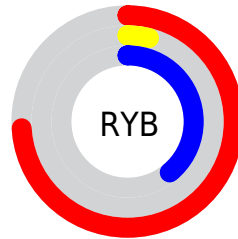
The Hex color **BD0964** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **09BD62**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **FA5797**, and **810036** is the 20% darker color. If you saturate the color by 10%, you get **BD0060**, and if you desaturate by 10%, it is **BD1C6D**.

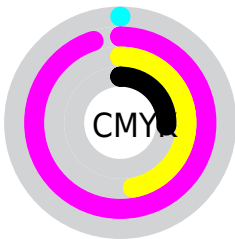
# Distribution



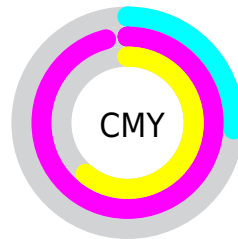
- Red (74%)
- Green (4%)
- Blue (39%)



- Red (74%)
- Yellow (4%)
- Blue (39%)



- Cyan (0%)
- Magenta (95%)
- Yellow (47%)
- Black (26%)



- Cyan (26%)
- Magenta (96%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD0964 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 BD0964 by changing the saturation by 10% instead.



 BD0964

 BD0964

FFFFFF

 9F004C

 FA5797

 810036

 FF74B1

 640021

 FF91CD

 490009

 FFAEE9

 2A0001

 FFCBFF

 000000

 FFE9FF

 BD0964

 BD0964

 BD0060

 BD1C6D

 BD2F77

 BD4280

 BD5589

 BD6893

 BD7A9C

 BD8DA5

 BDA0AF

 BDB3B8

# Harmonies

## Analogous

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



A0309A



BD0964



BA242E

# Triad

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



BD0964



3F6D00



0074C1

# Complementary

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



BD0964



09BD62

# 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.



007897



BD0964



007524

# Square

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



BD0964



775F00



00785F



0069D1

# Rectangle

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



BD0964



AB3C04



00785F



0076B5



# Sweetspot

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



BD0964



F5AED2



6009BD



7A5065



FAFAFA



7A7A7A



# Same Dimension

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



BD0964



F5007C



BD090C



5E555A



9E0050



1F000F



# Inverse Universe

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



BD0964



F5007C



09BDBA



5E555A



9E0050



1F000F



# Previews

## White Background



This preview shows how the Hex color BD0964 looks on a white background.

## Color Contrast Check

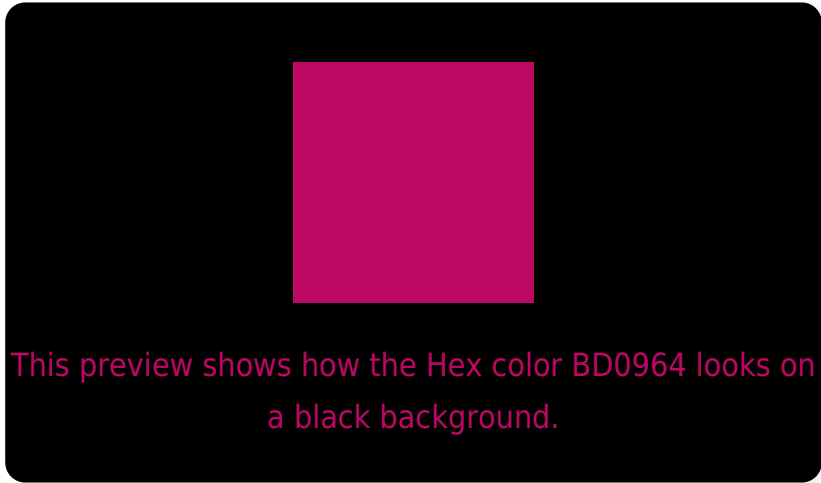
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD0964 Background



This preview shows how black text looks on a background with the Hex color BD0964.



This preview shows how white text looks on a background with the Hex color BD0964.

# 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





# Trichromacy



**Original Color**  
BD0964



**Protanomaly**  
7A4180



**Deuteranomaly**  
8B405F



**Tritanomaly**  
BB1D3E

# Monochromacy



**Original Color**  
BD0964



**Achromatopsia**  
494949



**Achromatomaly**  
733253

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD0964 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 #BD0964 looks like.

```
.text, #text, p{  
    color:#BD0964  
}
```

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 #BD0964 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD0964
}
```

## Border

The CSS property to change the border of an element to Hex BD0964 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
#BD0964 }
```

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

```
.border{ border-color:#BD0964 }
```

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

Here you see how a box with a 4 pixel #BD0964 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD0964; -webkit-box-shadow:4px 4px  
4px 4px #BD0964; box-shadow:4px 4px 4px  
4px #BD0964 }
```

# Background

The CSS property to change the background color of an element to Hex BD0964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD0964 }
```

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

```
.background{ background-color:#BD0964 }
```

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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