

# Converting Colors

Hex(BD0062)

Have a look what the booklet for  
Hex(BD0062) contains.

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# Color

**Hex(BD0062)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD0062
RGB	189, 0, 98
RGB Percent	74%, 0%, 38%
CMY	0.2588, 1.0000, 0.6157
CMYK	0.00, 1.00, 0.48, 0.26
HSL	329°, 100%, 37%
HSV	329°, 100%, 74%
XYZ	23.1909, 11.7007, 12.5914
YIQ	67.6830, 81.1860, 70.5460

# Conversions

## Conversions Part 2

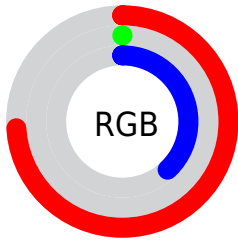
Format	Color
<a href="#">RYB</a>	<a href="#">189, 0, 98</a>
Decimal	<a href="#">12386402</a>
CIELab	<a href="#">40.74, 67.88, 0.38</a>
CIElCh	<a href="#">41, 67.885, 0.322</a>
Yxy	<a href="#">11.7007, 0.4884, 0.2464</a>
Android (android.graphics.Color)	<a href="#">4290576482</a> ( <a href="#">0xFFBD0062</a> )
YUV	<a href="#">67.6830, 14.9463, 106.3950</a>
Hunter-Lab	<a href="#">34.2062, 61.1571, 2.1195</a>

# Details

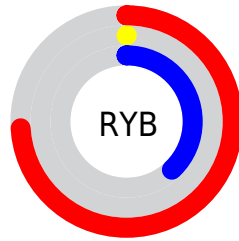
The Hex color **BD0062** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **00BD5B**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **FA5494**, and **810034** is the 20% darker color. If you saturate the color by 10%, you get **BD0062**, and if you desaturate by 10%, it is **BD136B**.

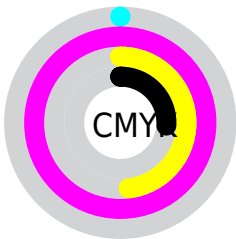
# Distribution



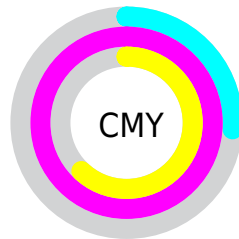
- Red (74%)
- Green (0%)
- Blue (38%)



- Red (74%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (26%)



- Cyan (26%)
- Magenta (100%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD0062 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 BD0062 by changing the saturation by 10% instead.



 BD0062

 BD0062

FFFFFF

 9F004A

 FA5494

 810034

 FF72AF

 63001F

 FF8FCA

 490005

 FFACE6

 290001

 FFC9FF

 000000

 FFE7FF

 BD0062

 BD136B

 BD2674

 BD397D

 BD4C86

 BD5F8F

 BD7199

 BD84A2

 BD97AB

 BDAAB4

# Harmonies

## Analogous

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



A12D98



BD0062



BA222C

# Triad

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



BD0062



3C6C00



0073C1

# Complementary

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



BD0062



00BD5B

# 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.



007797



BD0062



007423

# Square

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



BD0062



755E00



00775F



0067D1

# Rectangle

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



BD0062



AA3B00



00775F



0075B6



# Sweetspot

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



BD0062



F5ABD1



5800BD



7A4E65



FAFAFA



7A7A7A



# Same Dimension

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



BD0062



F5007F



BD0006



5E555A



9E0052



1F0010



# Inverse Universe

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



BD0062



F5007F



00BDB7



5E555A



9E0052



1F0010



# Previews

## White Background



This preview shows how the Hex color BD0062 looks on a white background.

## Color Contrast Check

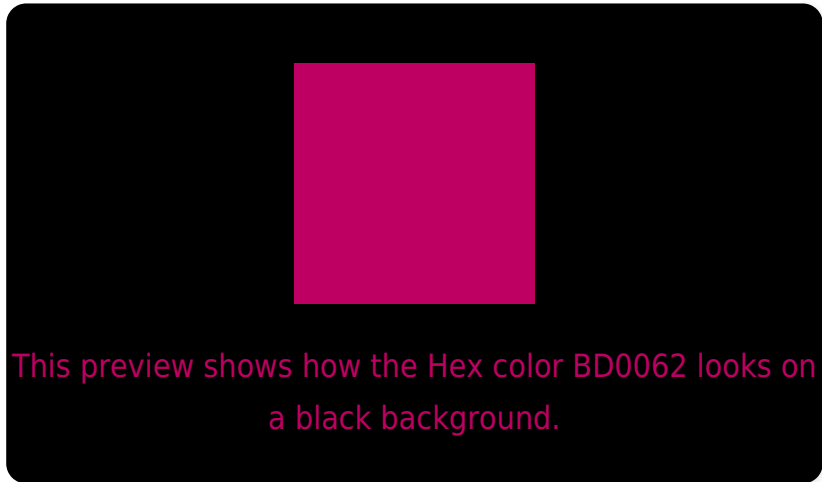
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD0062 Background



This preview shows how black text looks on a background with the Hex color BD0062.



This preview shows how white text looks on a background with the Hex color BD0062.

# 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**  
BD0062



**Protanomaly**  
7A3E7D



**Deuteranomaly**  
8B3C5D



**Tritanomaly**  
BB193C

# Monochromacy



**Original Color**  
BD0062



**Achromatopsia**  
444444



**Achromatomaly**  
702B4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD0062 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 #BD0062 looks like.

```
.text, #text, p{  
    color:#BD0062  
}
```

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 #BD0062 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD0062
}
```

## Border

The CSS property to change the border of an element to Hex BD0062 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".

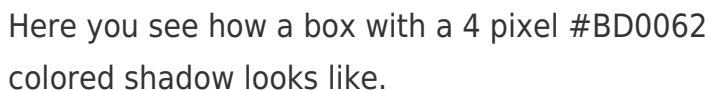
```
.border, #border, table{ border:4px solid
#BD0062 }
```

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

```
.border{ border-color:#BD0062 }
```

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

Here you see how a box with a 4 pixel #BD0062 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD0062; -webkit-box-shadow:4px 4px  
4px 4px #BD0062; box-shadow:4px 4px 4px  
4px #BD0062 }
```

# Background

The CSS property to change the background color of an element to Hex BD0062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD0062 }
```

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

```
.background{ background-color:#BD0062 }
```

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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