

# Converting Colors

Hex(BD1176)

Have a look what the booklet for  
Hex(BD1176) contains.

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# Color

**Hex(BD1176)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD1176
RGB	189, 17, 118
RGB Percent	74%, 7%, 46%
CMY	0.2588, 0.9333, 0.5373
CMYK	0.00, 0.91, 0.38, 0.26
HSL	325°, 83%, 40%
HSV	325°, 91%, 74%
XYZ	24.4567, 12.5277, 18.2686
YIQ	79.9420, 70.0910, 67.8750

# Conversions

## Conversions Part 2

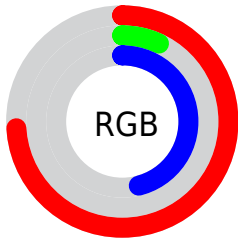
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 17, 118
Decimal	12390774
CIE <sub>Lab</sub>	42.04, 67.84, -10.24
CIE <sub>LCh</sub>	42, 68.605, 351.420
Yxy	12.5277, 0.4426, 0.2267
Android (android.graphics.Color)	4290580854 (0xFFBD1176)
YUV	79.9420, 18.7626, 95.6439
Hunter-Lab	35.3945, 61.3986, -5.8259

# Details

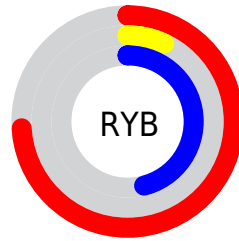
The Hex color **BD1176** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **11BD58**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FA5AAA**, and **820046** is the 20% darker color. If you saturate the color by 10%, you get **BD006F**, and if you desaturate by 10%, it is **BD247E**.

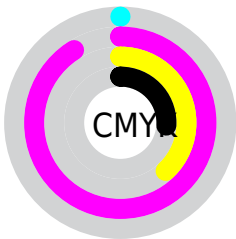
# Distribution



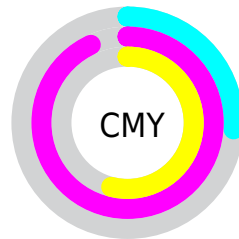
- Red (74%)
- Green (7%)
- Blue (46%)



- Red (74%)
- Yellow (7%)
- Blue (46%)



- Cyan (0%)
- Magenta (91%)
- Yellow (38%)
- Black (26%)



- Cyan (26%)
- Magenta (93%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD1176 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 BD1176 by changing the saturation by 10% instead.



 BD1176

 BD1176

FFFFFF

 9F005D

 FA5AAA

 820046

 FF77C5

 65002F

 FF94E1

 4A001B

 FFB1FE

 2D0002

 FFCEFF

 000000

 FFECFF

 BD1176

 BD1176

 BD006F

 BD247E

 BD3786

 BD4A8D

 BD5D95

 BD709D

 BD82A5

 BD95AD

 BDA8B4

 BDBBBC

# Harmonies

## Analogous

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



953CAB



BD1176



C2183E

# Triad

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



BD1176



536C00



0079BC

# Complementary

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



BD1176



11BD58

# 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.



007B8B



BD1176



00760F

# Square

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



BD1176



875B00



007A51



006FD4

# Rectangle

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



BD1176



B73419



007A51



007AAD



# Sweetspot

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



BD1176



F5B3DA



5611BD



7A536A



FAFAFA



7A7A7A



# Same Dimension

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



BD1176



F50090



BD1122



5E555A



9E005D



1F0012



# Inverse Universe

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



BD1176



F50090



11BDAC



5E555A



9E005D



1F0012



# Previews

## White Background



This preview shows how the Hex color BD1176 looks on a white background.

## Color Contrast Check

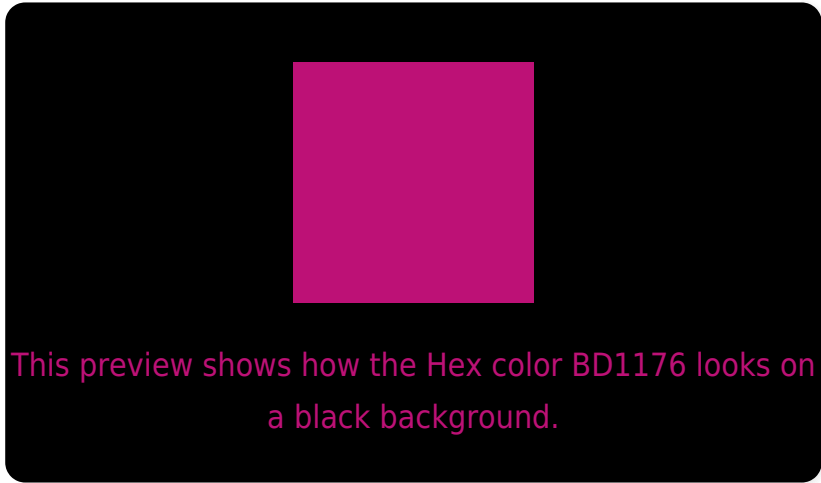
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD1176 Background



This preview shows how black text looks on a background with the Hex color BD1176.



This preview shows how white text looks on a background with the Hex color BD1176.

# 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**  
BD1176

**Protanopia**  
4963A7

**Deuteranopia**  
6A626E



# Trichromacy



**Original Color**  
BD1176



**Protanomaly**  
734595



**Deuteranomaly**  
884571

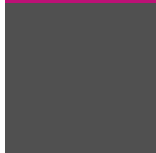


**Tritanomaly**  
BA254B

# Monochromacy



**Original Color**  
BD1176



**Achromatopsia**  
505050



**Achromatomaly**  
78395E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD1176 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 #BD1176 looks like.

```
.text, #text, p{  
    color:#BD1176  
}
```

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 #BD1176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD1176
}
```

## Border

The CSS property to change the border of an element to Hex BD1176 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
#BD1176 }
```

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

```
.border{ border-color:#BD1176 }
```

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

Here you see how a box with a 4 pixel #BD1176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD1176; -webkit-box-shadow:4px 4px  
4px 4px #BD1176; box-shadow:4px 4px 4px  
4px #BD1176 }
```

# Background

The CSS property to change the background color of an element to Hex BD1176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD1176 }
```

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

```
.background{ background-color:#BD1176 }
```

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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