

# Converting Colors

Hex(BB0E76)

Have a look what the booklet for  
Hex(BB0E76) contains.

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# Color

**Hex(BB0E76)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB0E76
RGB	187, 14, 118
RGB Percent	73%, 5%, 46%
CMY	0.2667, 0.9451, 0.5373
CMYK	0.00, 0.93, 0.37, 0.27
HSL	324°, 86%, 39%
HSV	324°, 93%, 73%
XYZ	23.9206, 12.1869, 18.2311
YIQ	77.5830, 69.7240, 69.0200

# Conversions

## Conversions Part 2

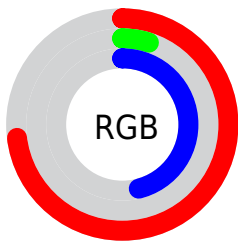
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 14, 118
Decimal	12258934
CIELab	41.51, 67.79, -11.08
CIELCh	42, 68.685, 350.720
Yxy	12.1869, 0.4402, 0.2243
Android (android.graphics.Color)	4290449014 (0xFFBB0E76)
YUV	77.5830, 19.9256, 95.9587
Hunter-Lab	34.9097, 61.2184, -6.5265

# Details

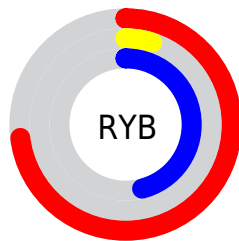
The Hex color **BB0E76** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **0EBB53**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **F858AA**, and **800046** is the 20% darker color. If you saturate the color by 10%, you get **BB0070**, and if you desaturate by 10%, it is **BB217D**.

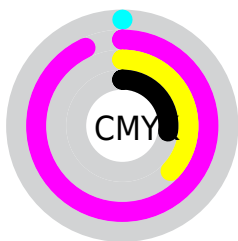
# Distribution



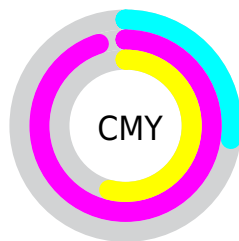
- Red (73%)
- Green (5%)
- Blue (46%)



- Red (73%)
- Yellow (5%)
- Blue (46%)



- Cyan (0%)
- Magenta (93%)
- Yellow (37%)
- Black (27%)



- Cyan (27%)
- Magenta (95%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB0E76 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 BB0E76 by changing the saturation by 10% instead.



 BB0E76

 BB0E76

FFFFFF

 9D005D

 F858AA

 800046

 FF76C5

 63002F

 FF93E1

 48001B

 FFB0FE

 2C0001

 FFCDFE

 000000

 FFE8FF

 BB0E76

 BB0E76

 BB0070

 BB217D

 BB3385

 BB468C

 BB5994

 BB6C9B

 BB7EA3

 BB91AA

 BBA4B2

 BBB6B9

# Harmonies

## Analogous

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



923BAA



BB0E76



C1143E

# Triad

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



BB0E76



536B00



0077B9

# Complementary

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



BB0E76



0EBB53

# 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.



007A89



BB0E76



00740A

# Square

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



BB0E76



865900



00784E



006ED3

# Rectangle

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



BBOE76



B63119



00784E



0079AB



# Sweetspot

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



BB0E76



F2AED7



500EBB



7A516A



FAFAFA



7A7A7A



# Same Dimension

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



BB0E76



F20092



BB0E22



5E555B



9E005F



1F0012



# Inverse Universe

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



BB0E76



F20092



0EBBA7



5E555B



9E005F



1F0012



# Previews

## White Background



This preview shows how the Hex color BB0E76 looks on a white background.

## Color Contrast Check

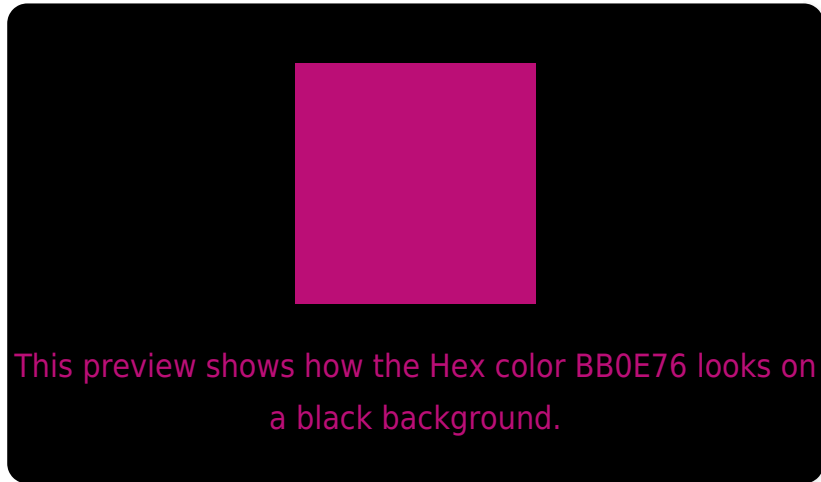
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB0E76 Background



This preview shows how black text looks on a background with the Hex color BB0E76.



This preview shows how white text looks on a background with the Hex color BB0E76.

# 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**  
BB0E76



**Protanomaly**  
714396



**Deuteranomaly**  
874371

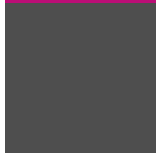


**Tritanomaly**  
B8244B

# Monochromacy



**Original Color**  
BB0E76



**Achromatopsia**  
4E4E4E



**Achromatomaly**  
76375D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB0E76 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 #BB0E76 looks like.

```
.text, #text, p{  
    color:#BB0E76  
}
```

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 #BB0E76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB0E76
}
```

## Border

The CSS property to change the border of an element to Hex BB0E76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

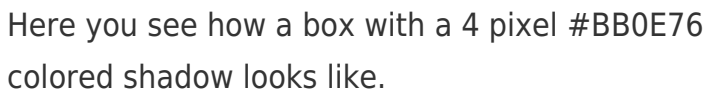
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB0E76 }
```

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

```
.border{ border-color:#BB0E76 }
```

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



Here you see how a box with a 4 pixel #BB0E76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB0E76; -webkit-box-shadow:4px 4px  
4px 4px #BB0E76; box-shadow:4px 4px 4px  
4px #BB0E76 }
```

# Background

The CSS property to change the background color of an element to Hex BB0E76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB0E76 }
```

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

```
.background{ background-color:#BB0E76 }
```

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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