

# Converting Colors

Hex(B30D93)

Have a look what the booklet for  
Hex(B30D93) contains.

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# Color

**Hex(B30D93)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B30D93
RGB	179, 13, 147
RGB Percent	70%, 5%, 58%
CMY	0.2980, 0.9490, 0.4235
CMYK	0.00, 0.93, 0.18, 0.30
HSL	312°, 86%, 38%
HSV	312°, 93%, 70%
XYZ	24.0008, 11.9781, 28.6508
YIQ	77.9100, 55.9220, 76.8660

# Conversions

## Conversions Part 2

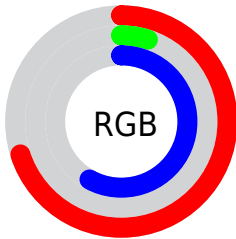
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 13, 147
Decimal	11734419
CIE <sub>Lab</sub>	41.18, 69.56, -29.57
CIE <sub>LCh</sub>	41, 75.587, 336.968
Yxy	11.9781, 0.3714, 0.1853
Android (android.graphics.Color)	4289924499 (0xFFB30D93)
YUV	77.9100, 34.0614, 88.6559
Hunter-Lab	34.6094, 63.2188, -24.8555

# Details

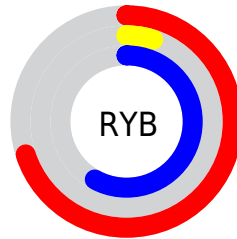
The Hex color **B30D93** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **0DB32D**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **EE58C9**, and **790060** is the 20% darker color. If you saturate the color by 10%, you get **B30090**, and if you desaturate by 10%, it is **B31F96**.

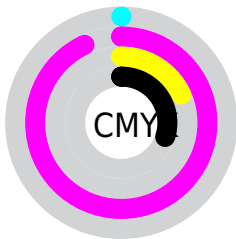
# Distribution



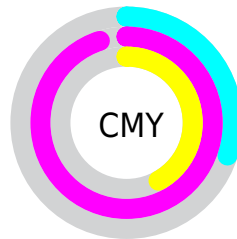
- Red (70%)
- Green (5%)
- Blue (58%)



- Red (70%)
- Yellow (5%)
- Blue (58%)



- Cyan (0%)
- Magenta (93%)
- Yellow (18%)
- Black (30%)



- Cyan (30%)
- Magenta (95%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B30D93 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 B30D93 by changing the saturation by 10% instead.



 B30D93

 B30D93

FFFFFF

 960079

 EE58C9

 790060

 FF75E6

 5D0048

 FF92FF

 430031

 FFAFFF

 27001B

 FFC0FF

 000000

 FFEAFF

 B30D93

 B30D93

 B30090

 B31F96

 B3319A

 B3439D

 B355A1

 B367A4

 B378A8

 B38AAB

 B39CAF

 B3AEB2

# Harmonies

## Analogous

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



6E48C6



B30D93



C90056

# Triad

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



B30D93



6A6400



007AAB

# Complementary

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



B30D93



0DB32D

# 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.



007A6F



B30D93



1D7100

# Square

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



B30D93



9C4B00



00772C



0075D5

# Rectangle

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



B30D93



C5002E



00772C



007A98



# Sweetspot

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



B30D93



E8A7DC



2B0DB3



754D6E



F5F5F5



757575



# Same Dimension

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



B30D93



E800BB



B30D42



595058



99007C



1A0015



# Inverse Universe

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



B30D93



E800BB



0DB37E



595058



99007C



1A0015



# Previews

## White Background



This preview shows how the Hex color B30D93 looks on a white background.

## Color Contrast Check

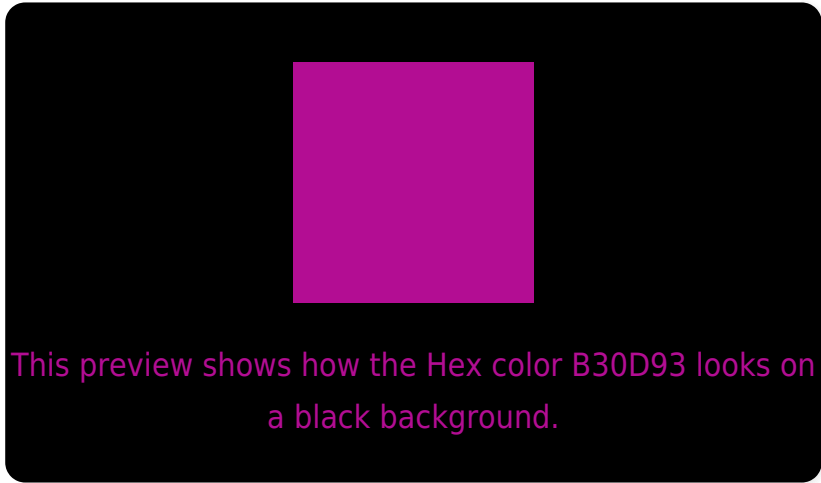
Large Text (above 18pt) WCAG AA ✓ Pass

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

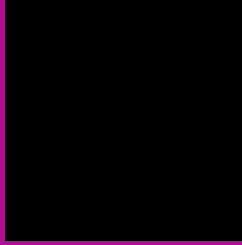
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B30D93 Background



This preview shows how black text looks on a background with the Hex color B30D93.



This preview shows how white text looks on a background with the Hex color B30D93.

# 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**  
B30D93



**Protanomaly**  
4141B7



**Deuteranomaly**  
78438D



**Tritanomaly**  
AF2A5D

# Monochromacy



**Original Color**  
B30D93



**Achromatopsia**  
4E4E4E



**Achromatomaly**  
733667

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B30D93 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 #B30D93 looks like.

```
.text, #text, p{  
    color:#B30D93  
}
```

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 #B30D93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B30D93
}
```

## Border

The CSS property to change the border of an element to Hex B30D93 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
#B30D93 }
```

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

```
.border{ border-color:#B30D93 }
```

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

Here you see how a box with a 4 pixel #B30D93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B30D93; -webkit-box-shadow:4px 4px  
4px 4px #B30D93; box-shadow:4px 4px 4px  
4px #B30D93 }
```

# Background

The CSS property to change the background color of an element to Hex B30D93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B30D93 }
```

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

```
.background{ background-color:#B30D93 }
```

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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