

# Converting Colors

Hex(BE0091)

Have a look what the booklet for  
Hex(BE0091) contains.

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**Color**

**Hex(BE0091)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE0091
RGB	190, 0, 145
RGB Percent	75%, 0%, 57%
CMY	0.2549, 1.0000, 0.4314
CMYK	0.00, 1.00, 0.24, 0.25
HSL	314°, 100%, 37%
HSV	314°, 100%, 75%
XYZ	26.3460, 12.9915, 27.9071
YIQ	73.3400, 66.6950, 85.3750

# Conversions

## Conversions Part 2

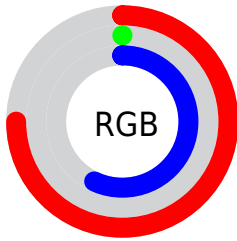
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 0, 145
Decimal	12451985
CIE <sub>Lab</sub>	42.75, 72.77, -25.75
CIE <sub>LCh</sub>	43, 77.195, 340.516
Yxy	12.9915, 0.3918, 0.1932
Android (android.graphics.Color)	4290642065 (0xFFBE0091)
YUV	73.3400, 35.3284, 102.3108
Hunter-Lab	36.0437, 67.3976, -20.6751

# Details

The Hex color **BE0091** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **00BE2D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **FA57C7**, and **83005E** is the 20% darker color. If you saturate the color by 10%, you get **BE0091**, and if you desaturate by 10%, it is **BE1395**.

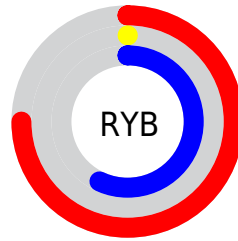
# Distribution



Red (75%)

Green (0%)

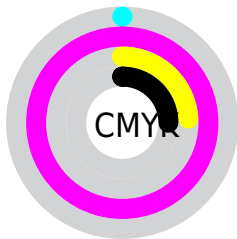
Blue (57%)



Red (75%)

Yellow (0%)

Blue (57%)

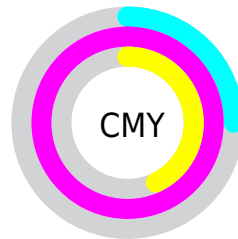


Cyan (0%)

Magenta (100%)

Yellow (24%)

Black (25%)



Cyan (25%)

Magenta (100%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE0091 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 BE0091 by changing the saturation by 10% instead.



 BE0091

 BE0091

FFFFFF

 A10077

 FA57C7

 83005E

 FF75E3

 670046

 FF92FF

 4B0030

 FFAFFF

 2F001A

 FFCDDF

 000000

 FFE0FF

 BE0091

 BE1395

 BE269A

 BE399E

 BE4CA3

 BE5FA7

 BE72AC

 BE85B1

 BE98B5

 BEABBA

# Harmonies

## Analogous

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



7F46C8



BE0091



D00052

# Triad

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



BE0091



686A00



007EB7

# Complementary

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



BE0091



00BE2D

# 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.



007F7B



BE0091



057600

# Square

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



BE0091



9D5200



007C37



0078DF

# Rectangle

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



BE0091



CA0E29



007C37



007FA5



# Sweetspot

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



BE0091



F7ADE6



2C00BE



7D5072



FCFCFC



7D7D7D



# Same Dimension

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



BE0091



F700BD



BE0033



5E555C



9E0079



1F0017



# Inverse Universe

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



BE0091



F700BD



00BE8B



5E555C



9E0079



1F0017



# Previews

## White Background



This preview shows how the Hex color BE0091 looks on a white background.

## Color Contrast Check

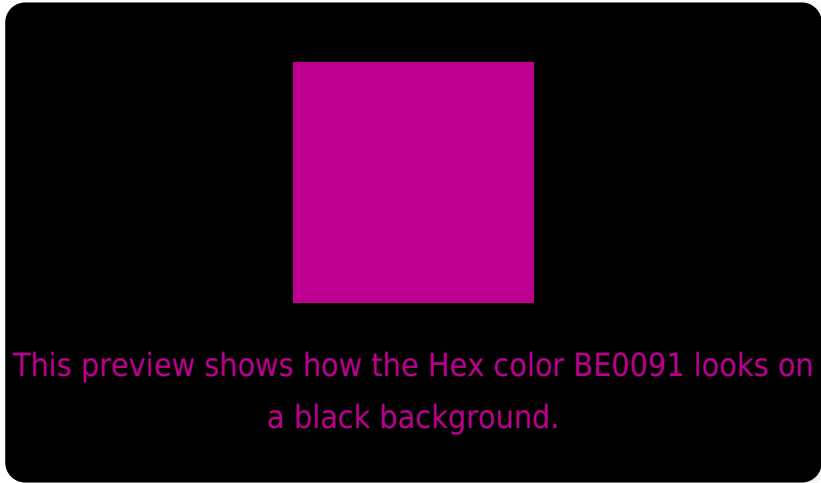
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE0091 Background



This preview shows how black text looks on a background with the Hex color BE0091.



This preview shows how white text looks on a background with the Hex color BE0091.

# 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**  
BE0091



**Protanomaly**  
5A40B8



**Deuteranomaly**  
82418B



**Tritanomaly**  
BA245B

# Monochromacy



**Original Color**  
BE0091



**Achromatopsia**  
494949



**Achromatomaly**  
742E63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE0091 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 #BE0091 looks like.

```
.text, #text, p{  
    color:#BE0091  
}
```

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 #BE0091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE0091
}
```

## Border

The CSS property to change the border of an element to Hex BE0091 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
#BE0091 }
```

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

```
.border{ border-color:#BE0091 }
```

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

Here you see how a box with a 4 pixel #BE0091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE0091; -webkit-box-shadow:4px 4px  
4px 4px #BE0091; box-shadow:4px 4px 4px  
4px #BE0091 }
```

# Background

The CSS property to change the background color of an element to Hex BE0091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE0091 }
```

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

```
.background{ background-color:#BE0091 }
```

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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