

# Converting Colors

Hex(BE18CA)

Have a look what the booklet for  
Hex(BE18CA) contains.

<b>Hex(BE18CA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(BE18CA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE18CA
RGB	190, 24, 202
RGB Percent	75%, 9%, 79%
CMY	0.2549, 0.9059, 0.2078
CMYK	0.06, 0.88, 0.00, 0.21
HSL	296°, 79%, 44%
HSV	296°, 88%, 79%
XYZ	32.2225, 15.8647, 57.2410
YIQ	93.9260, 41.7980, 90.5500

# Conversions

## Conversions Part 2

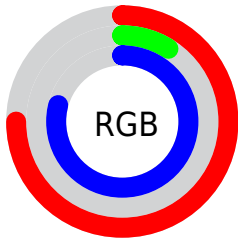
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 24, 202
Decimal	12458186
CIE <sub>Lab</sub>	46.80, 77.97, -53.15
CIE <sub>LCh</sub>	47, 94.356, 325.719
Yxy	15.8647, 0.3059, 0.1506
Android (android.graphics.Color)	4290648266 (0xFFBE18CA)
YUV	93.9260, 53.2805, 84.2569
Hunter-Lab	39.8305, 74.7015, -57.3252

# Details

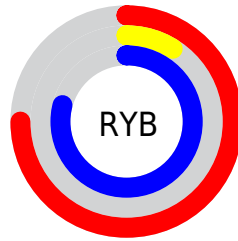
The Hex color **BE18CA** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed purple. A complement of this color would be **24CA18**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FA61FF**, and **840093** is the 20% darker color. If you saturate the color by 10%, you get **BD04CA**, and if you desaturate by 10%, it is **BF2CCA**.

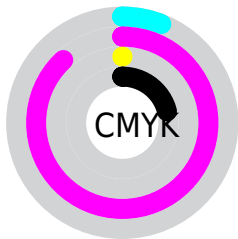
# Distribution



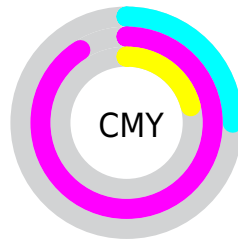
- Red (75%)
- Green (9%)
- Blue (79%)



- Red (75%)
- Yellow (9%)
- Blue (79%)



- Cyan (6%)
- Magenta (88%)
- Yellow (0%)
- Black (21%)



- Cyan (25%)
- Magenta (91%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE18CA 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 BE18CA by changing the saturation by 10% instead.




 BE18CA

 BE18CA

FFFFFF

 A100AE

 FA61FF

 840093

 FF7FFF

 670079

 FF9CFF

 4B005F

 FFB9FF

 300047

 FFD7FF

 0B002F

 FFF5FF

 000119

 000000

 BE18CA

 BE18CA

 BD04CA

 BF2CCA

 BC00CA

 C140CA

 C255CA

 C369CA

 C57DCA

 C691CA

 C8A5CA

 C9BACA

 CACECA

# Harmonies

## Analogous

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



1C5FFF



BE18CA



ED007E

# Triad

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



BE18CA



916800



008EB3

# Complementary

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



BE18CA



24CA18

# 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.



008C61



BE18CA



427E00

# Square

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



BE18CA



CA3E00



008800



008BF4

# Rectangle

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



BE18CA



F1004A



008800



008D98



# Sweetspot

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



BE18CA



FBBDFE



1827CA



7D5880



000000



808080



# Same Dimension

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



BE18CA



EE00FF



CA1880



655C66



9B00A6



240026



# Inverse Universe

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



CA1824



FF0011



18CA62



665C5C



A6000B



260003



# Previews

## White Background



This preview shows how the Hex color BE18CA looks on a white background.

## Color Contrast Check

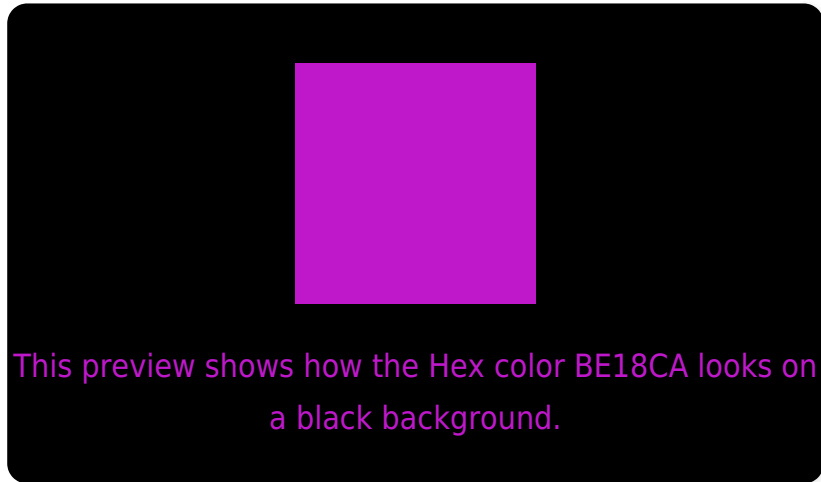
Large Text (above 18pt) WCAG AA ✓ Pass

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

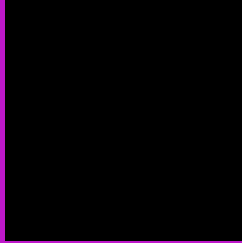
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex BE18CA Background



This preview shows how black text looks on a background with the Hex color BE18CA.



This preview shows how white text looks on a background with the Hex color BE18CA.

# 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





**Tritanopia**  
B05157

# Trichromacy



**Original Color**  
BE18CA



**Protanomaly**  
454DDB



**Deuteranomaly**  
6851C2



**Tritanomaly**  
B53C81

# Monochromacy



**Original Color**  
BE18CA



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
814585

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE18CA 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 #BE18CA looks like.

```
.text, #text, p{  
    color:#BE18CA  
}
```

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 #BE18CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE18CA
}
```

## Border

The CSS property to change the border of an element to Hex BE18CA 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".

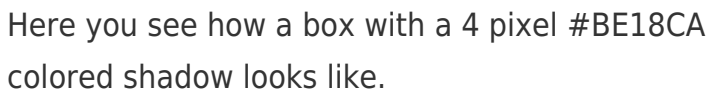
```
.border, #border, table{ border:4px solid
#BE18CA }
```

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

```
.border{ border-color:#BE18CA }
```

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

Here you see how a box with a 4 pixel #BE18CA colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE18CA; -webkit-box-shadow:4px 4px  
4px 4px #BE18CA; box-shadow:4px 4px 4px  
4px #BE18CA }
```

# Background

The CSS property to change the background color of an element to Hex BE18CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE18CA }
```

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

```
.background{ background-color:#BE18CA }
```

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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