

# Converting Colors

Hex(BE71B3)

Have a look what the booklet for  
Hex(BE71B3) contains.

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# Color

Hex(BE71B3)

# Conversions

## Conversions Part 1

Format	Color
Hex	BE71B3
RGB	190, 113, 179
RGB Percent	75%, 44%, 70%
CMY	0.2549, 0.5569, 0.2980
CMYK	0.00, 0.41, 0.06, 0.25
HSL	309°, 37%, 59%
HSV	309°, 41%, 75%
XYZ	35.2770, 26.0121, 45.8094
YIQ	143.5470, 24.7060, 36.8500

# Conversions

## Conversions Part 2

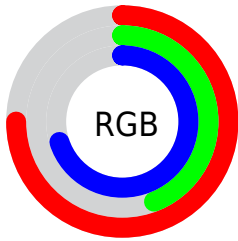
Format	Color
<a href="#">RYB</a>	<a href="#">190, 113, 179</a>
Decimal	<a href="#">12480947</a>
CIELab	<a href="#">58.05, 40.15, -22.19</a>
CIELCh	<a href="#">58, 45.876, 331.068</a>
Yxy	<a href="#">26.0121, 0.3294, 0.2429</a>
Android (android.graphics.Color)	<a href="#">4290671027 (0xFFBE71B3)</a>
YUV	<a href="#">143.5470, 17.4783, 40.7393</a>
Hunter-Lab	<a href="#">51.0020, 34.2111, -17.5521</a>

# Details

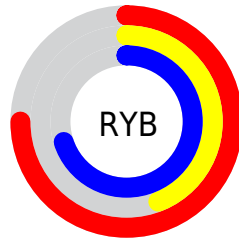
The Hex color **BE71B3** is a light color, and the websafe version is hex **996699**. A complement of this color would be **71BE7C**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **F8A6EB**, and **873E7E** is the 20% darker color. If you saturate the color by 10%, you get **BE5EB0**, and if you desaturate by 10%, it is **BE84B6**.

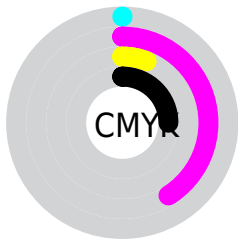
# Distribution



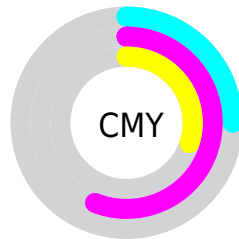
- Red (75%)
- Green (44%)
- Blue (70%)



- Red (75%)
- Yellow (44%)
- Blue (70%)



- Cyan (0%)
- Magenta (41%)
- Yellow (6%)
- Black (25%)



- Cyan (25%)
- Magenta (56%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE71B3 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 BE71B3 by changing the saturation by 10% instead.



 BE71B3

 BE71B3

FFFFFF

 A25798

 F8A6EB

 873E7E

 FFC2FF

 6D2565

 FFDFFF

 53084D

 FFFBFF

 3A0036

 250020

 000004

 000000

 BE71B3

 BE71B3

 BE5EB0

 BE84B6

 BE4BAE

 BE97B8

 BE38AB

 BEAABB

 BE25A8

 BEBDBE

 BE12A5

 BED0C1

 BE00A3

 BEE3C3

 BEF6C6

 BEFFC9

 BEFFCB

# Harmonies

## Analogous

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



9080D0



BE71B3



D4698C

# Triad

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



BE71B3



A18A38



009FB4

# Complementary

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



BE71B3



71BE7C

# 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.



00A08C



BE71B3



789544

# Square

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



BE71B3



C17B45



439C63



009AD1

# Rectangle

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



BE71B3



D66B71



439C63



00A0A7



# Sweetspot

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



BE71B3



F7DAF3



7B71BE



7D6B7A



FCFCFC



7D7D7D



# Same Dimension

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



BE71B3



F77EE6



BE718D



5E555D



9E0088



1F001A



# Inverse Universe

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



BE71B3



F77EE6



71BEA2



5E555D



9E0088



1F001A



# Previews

## White Background



This preview shows how the Hex color BE71B3 looks on a white background.

## Color Contrast Check

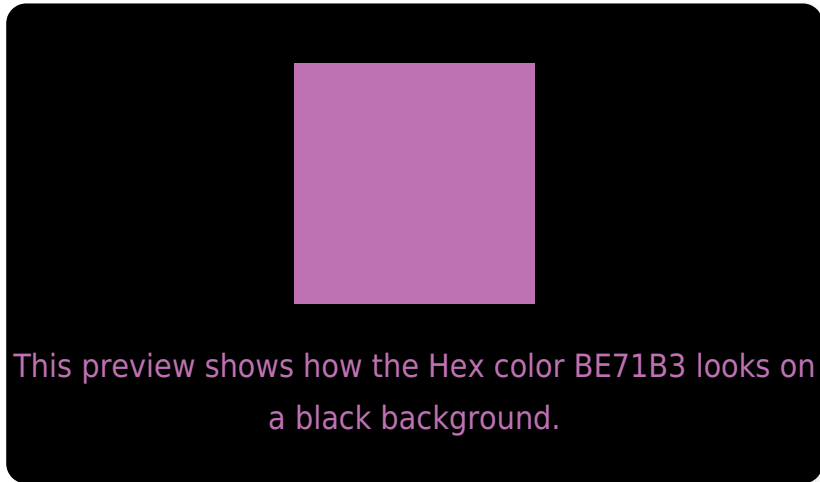
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

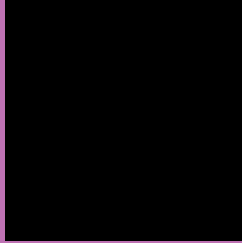
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BE71B3 Background



This preview shows how black text looks on a background with the Hex color BE71B3.

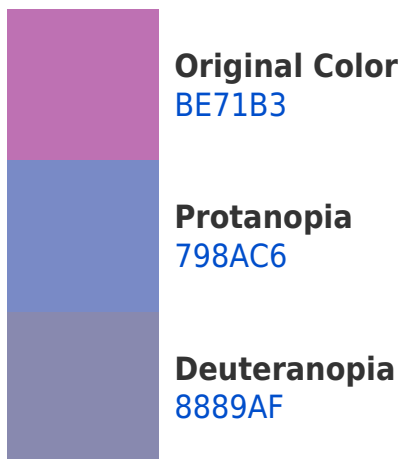


This preview shows how white text looks on a background with the Hex color BE71B3.

# 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**  
B87B84

# Trichromacy



**Original Color**  
BE71B3



**Protanomaly**  
9281BF



**Deuteranomaly**  
9C80B0

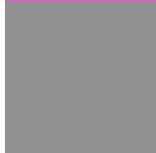


**Tritanomaly**  
BA7795

# Monochromacy



**Original Color**  
BE71B3



**Achromatopsia**  
909090



**Achromatomaly**  
A1859D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE71B3 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 #BE71B3 looks like.

```
.text, #text, p{  
    color:#BE71B3  
}
```

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 #BE71B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE71B3
}
```

## Border

The CSS property to change the border of an element to Hex BE71B3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

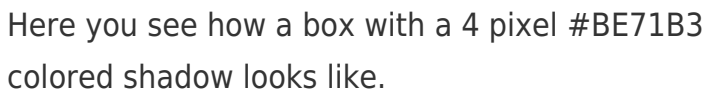
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE71B3 }
```

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

```
.border{ border-color:#BE71B3 }
```

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



Here you see how a box with a 4 pixel `#BE71B3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE71B3; -webkit-box-shadow:4px 4px  
4px 4px #BE71B3; box-shadow:4px 4px 4px  
4px #BE71B3 }
```

# Background

The CSS property to change the background color of an element to Hex BE71B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE71B3 }
```

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

```
.background{ background-color:#BE71B3 }
```

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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