

# Converting Colors

Hex(B015B7)

Have a look what the booklet for  
Hex(B015B7) contains.

<b>Hex(B015B7)</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(B015B7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B015B7
RGB	176, 21, 183
RGB Percent	69%, 8%, 72%
CMY	0.3098, 0.9176, 0.2824
CMYK	0.04, 0.89, 0.00, 0.28
HSL	297°, 79%, 40%
HSV	297°, 89%, 72%
XYZ	26.7199, 13.1853, 45.9365
YIQ	85.8130, 40.3780, 83.2420

# Conversions

## Conversions Part 2

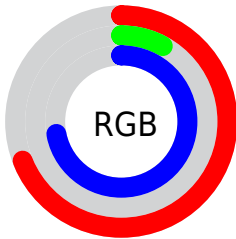
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 21, 183
Decimal	11539895
CIE <sub>Lab</sub>	43.04, 73.06, -48.21
CIE <sub>LCh</sub>	43, 87.527, 326.581
Yxy	13.1853, 0.3113, 0.1536
Android (android.graphics.Color)	4289729975 (0xFFB015B7)
YUV	85.8130, 47.9132, 79.0940
Hunter-Lab	36.3116, 67.8039, -49.5874

# Details

The Hex color **B015B7** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **1CB715**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **EB5CF0**, and **770081** is the 20% darker color. If you saturate the color by 10%, you get **AF03B7**, and if you desaturate by 10%, it is **B127B7**.

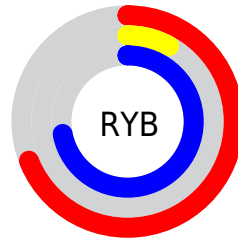
# Distribution



Red (69%)

Green (8%)

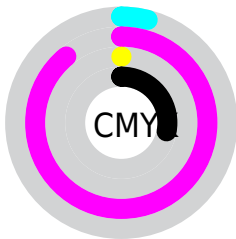
Blue (72%)



Red (69%)

Yellow (8%)

Blue (72%)

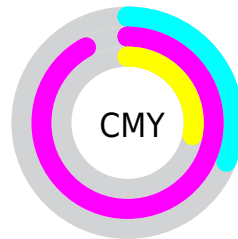


Cyan (4%)

Magenta (89%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (92%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B015B7 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 B015B7 by changing the saturation by 10% instead.



 B015B7

 B015B7

FFFFFF

 93009C

 EB5CF0

 770081

 FF79FF

 5A0067

 FF96FF

 40004F

 FFB3FF

 230037

 FFD1FF

 000220

 FFEEFF

 000004

 000000

 B015B7

 B015B7

■ AF03B7

■ B127B7

■ AF00B7

■ B23AB7

■ B24CB7

■ B35EB7

■ B471B7

■ B583B7

■ B695B7

■ B6A7B7

■ B7BAB7

# Harmonies

## Analogous

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



2C56EA



B015B7



DA0071

# Triad

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



B015B7



846100



0082A5

# Complementary

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



B015B7



1CB715

# 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.



00815B



B015B7



3B7400

# Square

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



B015B7



B83B00



007D00



007FE0

# Rectangle

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



B015B7



DD0042



007D00



00828D



# Sweetspot

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



B015B7



EAADED



151DB7



765178



F7F7F7



787878



# Same Dimension

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



B015B7



E300ED



B7156E



5B535C



95009C



1B001C



# Inverse Universe

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



B7151C



ED000A



15B75E



5C5353



9C0007



1C0001



# Previews

## White Background



This preview shows how the Hex color B015B7 looks on a white background.

## Color Contrast Check

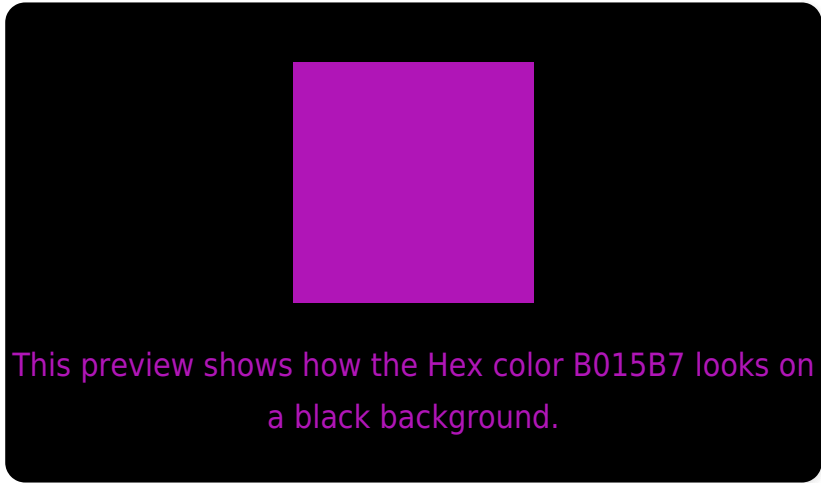
Large Text (above 18pt) WCAG AA ✓ Pass

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

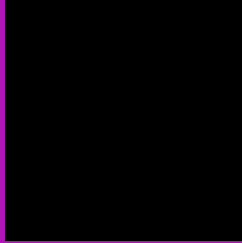
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B015B7 Background



This preview shows how black text looks on a background with the Hex color B015B7.

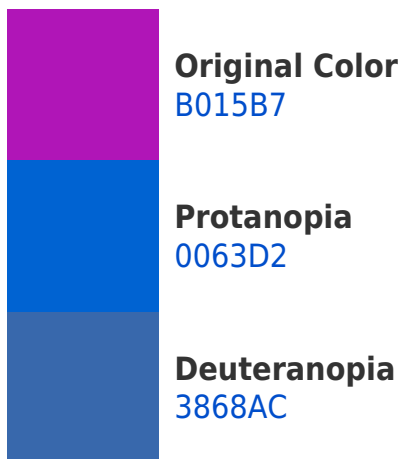


This preview shows how white text looks on a background with the Hex color B015B7.

# 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**  
A44A4F

# Trichromacy



**Original Color**  
B015B7



**Protanomaly**  
4047C8



**Deuteranomaly**  
644AB0



**Tritanomaly**  
A83775

# Monochromacy



**Original Color**  
B015B7



**Achromatopsia**  
565656



**Achromatomaly**  
773E79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B015B7 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 #B015B7 looks like.

```
.text, #text, p{  
    color:#B015B7  
}
```

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 #B015B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B015B7
}
```

## Border

The CSS property to change the border of an element to Hex B015B7 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
#B015B7 }
```

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

```
.border{ border-color:#B015B7 }
```

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

Here you see how a box with a 4 pixel #B015B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B015B7; -webkit-box-shadow:4px 4px  
4px 4px #B015B7; box-shadow:4px 4px 4px  
4px #B015B7 }
```

# Background

The CSS property to change the background color of an element to Hex B015B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B015B7 }
```

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

```
.background{ background-color:#B015B7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

**@ConvertingColor**