

# Converting Colors

Hex(B05CD7)

Have a look what the booklet for  
Hex(B05CD7) contains.

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# Color

Hex(**B05CD7**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B05CD7
RGB	176, 92, 215
RGB Percent	69%, 36%, 84%
CMY	0.3098, 0.6392, 0.1569
CMYK	0.18, 0.57, 0.00, 0.16
HSL	281°, 61%, 60%
HSV	281°, 57%, 84%
XYZ	33.9974, 21.7907, 66.7041
YIQ	131.1380, 10.5810, 56.0610

# Conversions

## Conversions Part 2

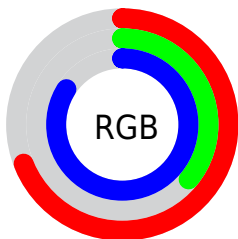
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 92, 215
Decimal	11558103
CIELab	53.80, 54.05, -49.51
CIELCh	54, 73.295, 317.509
Yxy	21.7907, 0.2775, 0.1779
Android (android.graphics.Color)	4289748183 (0xFFB05CD7)
YUV	131.1380, 41.3440, 39.3440
Hunter-Lab	46.6805, 48.3106, -52.0461

# Details

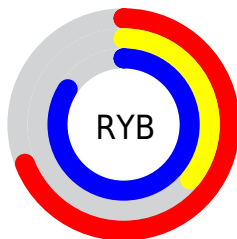
The Hex color **B05CD7** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **83D75C**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **EA92FF**, and **78269F** is the 20% darker color. If you saturate the color by 10%, you get **A946D7**, and if you desaturate by 10%, it is **B771D7**.

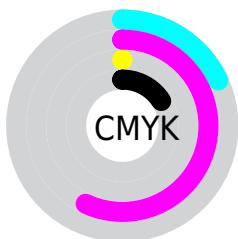
# Distribution



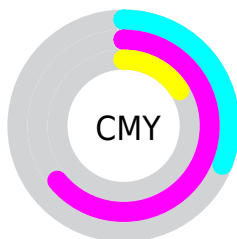
- Red (69%)
- Green (36%)
- Blue (84%)



- Red (69%)
- Yellow (36%)
- Blue (84%)



- Cyan (18%)
- Magenta (57%)
- Yellow (0%)
- Black (16%)



- Cyan (31%)
- Magenta (64%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B05CD7 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 B05CD7 by changing the saturation by 10% instead.



 B05CD7

 B05CD7

FFFFFF

 9442BB

 EA92FF

 78269F

 FFADFF

 5D0285

 FFCAFF

 42006B

 FFE6FF

 270052

 06003A

 000223

 00000B

 000000

 B05CD7

 B05CD7

 A946D7

 B771D7

 A231D7

 BE87D7

 9C1BD7

 C49CD7

 9506D7

 CBB2D7

 9300D7

 D2C8D7

 D9DDD7

 E0F2D7

 E7FFD7

 EDFFD7

# Harmonies

## Analogous

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



2E7BFB



B05CD7



E33A9E

# Triad

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



B05CD7



B17400



009CA5

# Complementary

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



B05CD7



83D75C

# 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.



009B63



B05CD7



798900

# Square

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



B05CD7



DB5622



1C951E



009ADD

# Rectangle

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



B05CD7



EE3274



1C951E



009C8F



# Sweetspot

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



B05CD7



F1D4FF



5C85D7



776680



000000



808080



# Same Dimension

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



B05CD7



C74FFF



D75CC2



68606B



7500AB



1E002B



# Inverse Universe

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



D75C83



FF4F87



5CD770



6B6064



AB0036

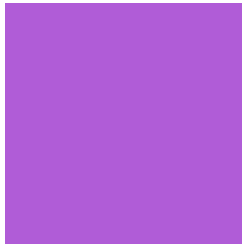


2B000E



# Previews

## White Background



This preview shows how the Hex color B05CD7 looks on a white background.

## Color Contrast Check

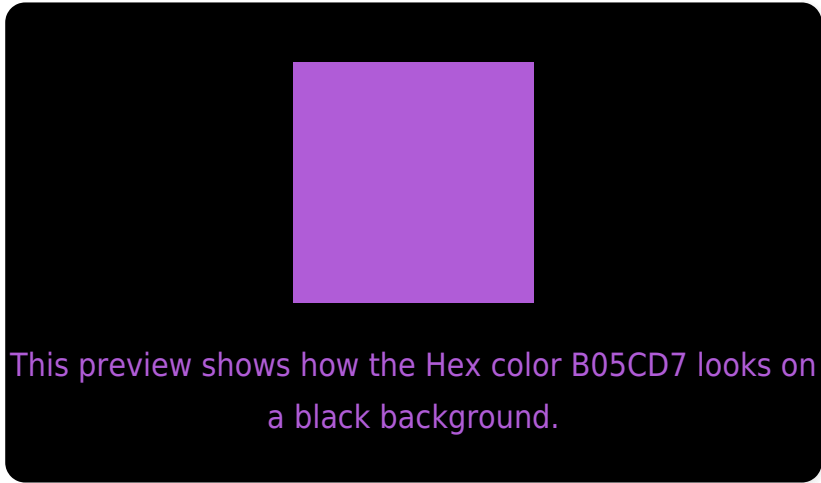
Large Text (above 18pt) WCAG AA ✓ Pass

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

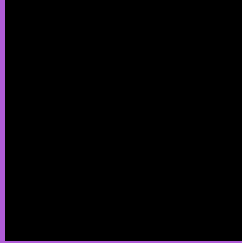
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B05CD7 Background



This preview shows how black text looks on a background with the Hex color B05CD7.

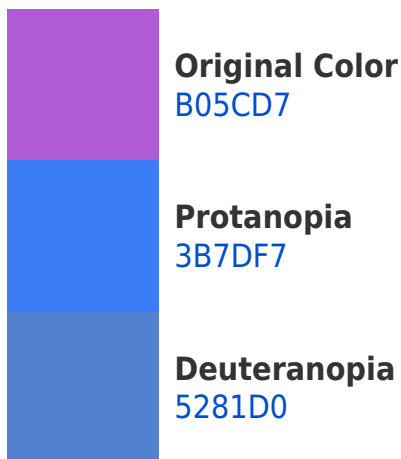


This preview shows how white text looks on a background with the Hex color B05CD7.

# 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](#).

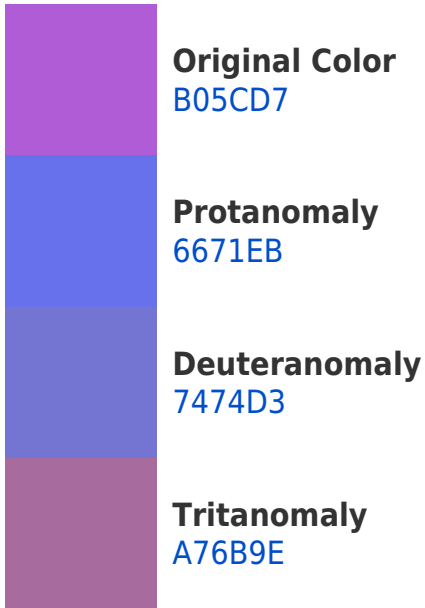
## Dichromacy



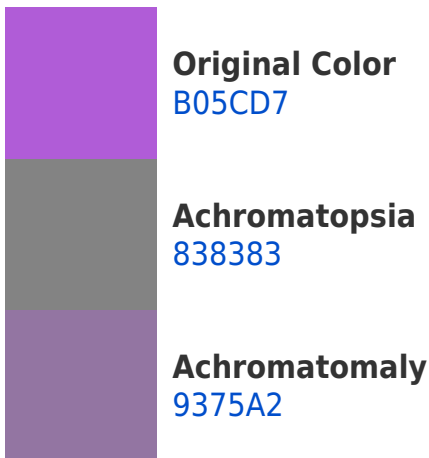


**Tritanopia**  
A2747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B05CD7 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 #B05CD7 looks like.

```
.text, #text, p{  
    color:#B05CD7  
}
```

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 #B05CD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B05CD7
}
```

## Border

The CSS property to change the border of an element to Hex B05CD7 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
#B05CD7 }
```

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

```
.border{ border-color:#B05CD7 }
```

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

Here you see how a box with a 4 pixel #B05CD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B05CD7; -webkit-box-shadow:4px 4px  
4px 4px #B05CD7; box-shadow:4px 4px 4px  
4px #B05CD7 }
```

# Background

The CSS property to change the background color of an element to Hex B05CD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B05CD7 }
```

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

```
.background{ background-color:#B05CD7 }
```

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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