

Converting Colors

Hex(B05DC7)

Have a look what the booklet for
Hex(B05DC7) contains.

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Color

Hex(**B05DC7**)

Conversions

Conversions Part 1

Format	Color
Hex	B05DC7
RGB	176, 93, 199
RGB Percent	69%, 36%, 78%
CMY	0.3098, 0.6353, 0.2196
CMYK	0.12, 0.53, 0.00, 0.22
HSL	287°, 49%, 57%
HSV	287°, 53%, 78%
XYZ	32.1276, 21.1823, 56.4281
YIQ	129.9010, 15.4420, 50.5620

Conversions

Conversions Part 2

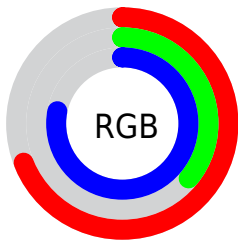
Format	Color
RYB	176, 93, 199
Decimal	11558343
CIELab	53.15, 50.24, -41.43
CIElCh	53, 65.120, 320.494
Yxy	21.1823, 0.2928, 0.1930
Android (android.graphics.Color)	4289748423 (0xFFB05DC7)
YUV	129.9010, 34.0658, 40.4288
Hunter-Lab	46.0243, 44.0611, -40.4756

Details

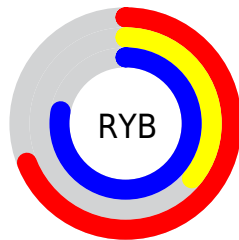
The Hex color **B05DC7** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **74C75D**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **EA92FF**, and **792891** is the 20% darker color. If you saturate the color by 10%, you get **AC49C7**, and if you desaturate by 10%, it is **B471C7**.

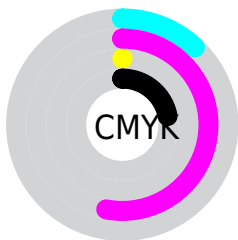
Distribution



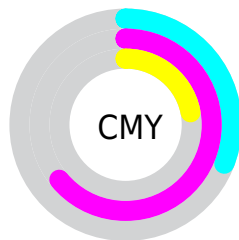
- Red (69%)
- Green (36%)
- Blue (78%)



- Red (69%)
- Yellow (36%)
- Blue (78%)



- Cyan (12%)
- Magenta (53%)
- Yellow (0%)
- Black (22%)



- Cyan (31%)
- Magenta (64%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color B05DC7 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 B05DC7 by changing the saturation by 10% instead.

 B05DC7

 B05DC7

FFFFFF

 9443AB

 EA92FF

 792891

 FFAEFF

 5E0776

 FFCAFF

 44005D

 FFE7FF

 2B0045

 0C002E

 000118

 000000

 B05DC7

 B05DC7

■ AC49C7

■ B471C7

■ A735C7

■ B985C7

■ A321C7

■ BD99C7

■ 9F0DC7

■ C1ADC7

■ 9C00C7

■ C6C1C7

■ CAD4C7

■ CEE8C7

■ D3FCC7

■ D7FFC7

Harmonies

Analogous

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



5578E9



B05DC7



D94593

Triad

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



B05DC7



A77600



0098A5

Complementary

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



B05DC7



74C75D

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.



00976B



B05DC7



748800

Square

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



B05DC7



CE5E27



249231



0095D5

Rectangle

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



B05DC7



E2426E



249231



009892

Sweetspot

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



B05DC7



F6D6FF



5D76C7



7A6780



000000



808080

Same Dimension

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



B05DC7



DC5CFF



C75DAB



615A63



8000A3



1C0024

Inverse Universe

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



C75D74



FF5C7F



5DC779



635A5C



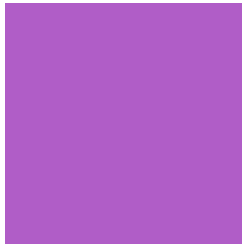
A30023



240008

Previews

White Background



This preview shows how the Hex color B05DC7 looks on a white background.

Color Contrast Check

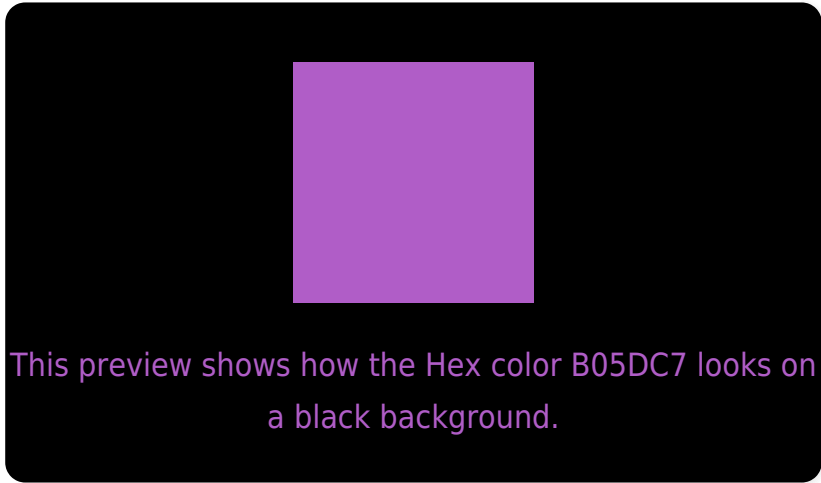
Large Text (above 18pt) WCAG AA ✓ Pass

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 B05DC7 Background



This preview shows how black text looks on a background with the Hex color B05DC7.

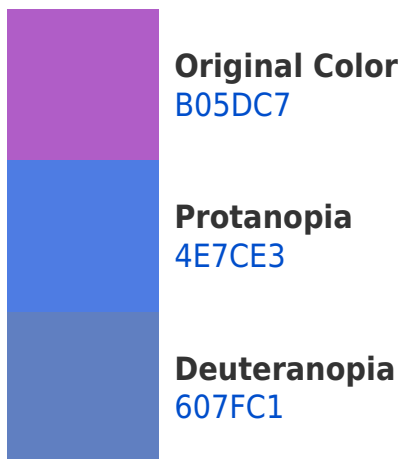


This preview shows how white text looks on a background with the Hex color B05DC7.

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](#).

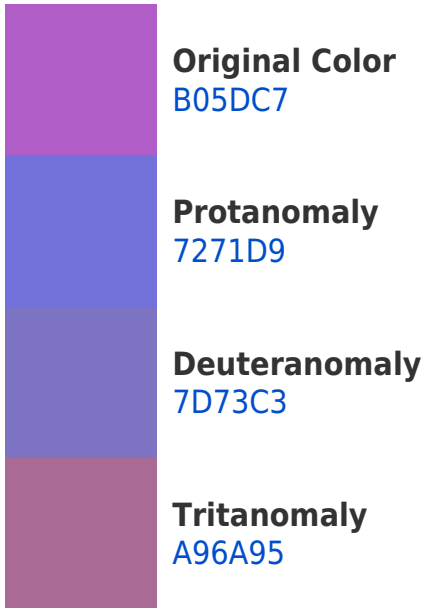
Dichromacy



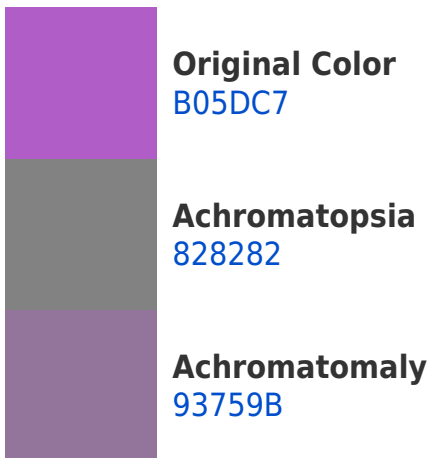


Tritanopia
A57179

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B05DC7 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 #B05DC7 looks like.

```
.text, #text, p{  
    color:#B05DC7  
}
```

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 #B05DC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B05DC7
}
```

Border

The CSS property to change the border of an element to Hex B05DC7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

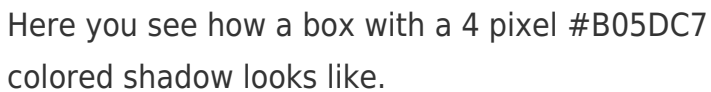
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B05DC7 }
```

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

```
.border{ border-color:#B05DC7 }
```

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



Here you see how a box with a 4 pixel `#B05DC7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B05DC7; -webkit-box-shadow:4px 4px  
4px 4px #B05DC7; box-shadow:4px 4px 4px  
4px #B05DC7 }
```

Background

The CSS property to change the background color of an element to Hex B05DC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B05DC7 }
```

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

```
.background{ background-color:#B05DC7 }
```

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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