

Converting Colors

Hex(B05EDB)

Have a look what the booklet for
Hex(B05EDB) contains.

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Color

Hex(**B05EDB**)

Conversions

Conversions Part 1

Format	Color
Hex	B05EDB
RGB	176, 94, 219
RGB Percent	69%, 37%, 86%
CMY	0.3098, 0.6314, 0.1412
CMYK	0.20, 0.57, 0.00, 0.14
HSL	279°, 63%, 61%
HSV	279°, 57%, 86%
XYZ	34.6934, 22.3500, 69.5033
YIQ	132.7680, 8.7470, 56.2590

Conversions

Conversions Part 2

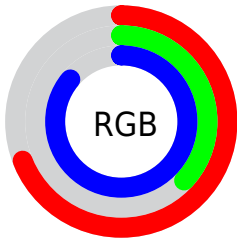
Format	Color
R _Y B	176, 94, 219
Decimal	11558619
CIE Lab	54.40, 53.90, -50.83
CIE LCh	54, 74.088, 316.678
Yxy	22.3500, 0.2742, 0.1766
Android (android.graphics.Color)	4289748699 (0xFFB05EDB)
YUV	132.7680, 42.5124, 37.9145
Hunter-Lab	47.2758, 48.2598, -54.0731

Details

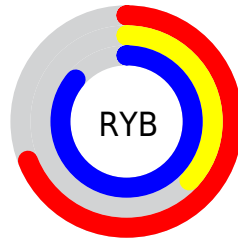
The Hex color **B05EDB** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **89DB5E**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **EA94FF**, and **7829A3** is the 20% darker color. If you saturate the color by 10%, you get **A848DB**, and if you desaturate by 10%, it is **B874DB**.

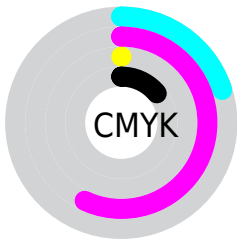
Distribution



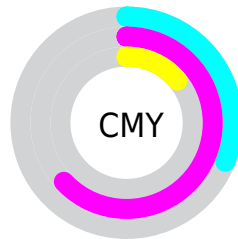
- Red (69%)
- Green (37%)
- Blue (86%)



- Red (69%)
- Yellow (37%)
- Blue (86%)



- Cyan (20%)
- Magenta (57%)
- Yellow (0%)
- Black (14%)



- Cyan (31%)
- Magenta (63%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color B05EDB 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 B05EDB by changing the saturation by 10% instead.

 B05EDB

 B05EDB

FFFFFF

 9444BF

 EA94FF

 7829A3

 FFAFFF

 5D0688

 FFCCFF

 41006E

 FFE8FF

 260055

 05003D

 000326

 00010F

 000000

 B05EDB

 B05EDB

 A848DB

 B874DB

 A132DB

 BF8ADB

 991CDB

 C7A0DB

 9206DB

 CEB6DB

 9000DB

 D6CCDB

 DDE1DB

 E5F7DB

 ECFFDB

 F4FFDB

Harmonies

Analogous

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



237EFE



B05EDB



E53BA1

Triad

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



B05EDB



B57500



009EA5

Complementary

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



B05EDB



89DB5E

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.



009C62



B05EDB



7C8A00

Square

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



B05EDB



DE5624



21961C



009CDF

Rectangle

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



B05EDB



F13377



21961C



009E8F

Sweetspot

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



B05EDB



F0D4FF



5E8ADB



776680



000000



808080

Same Dimension

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



B05EDB



C352FF



DB5EC8



6A636E



7200AD



1E002E

Inverse Universe

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



DB5E89



FF528D



5EDB71



6E6366



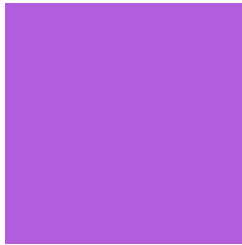
AD003C



2E0010

Previews

White Background



This preview shows how the Hex color B05EDB looks on a white background.

Color Contrast Check

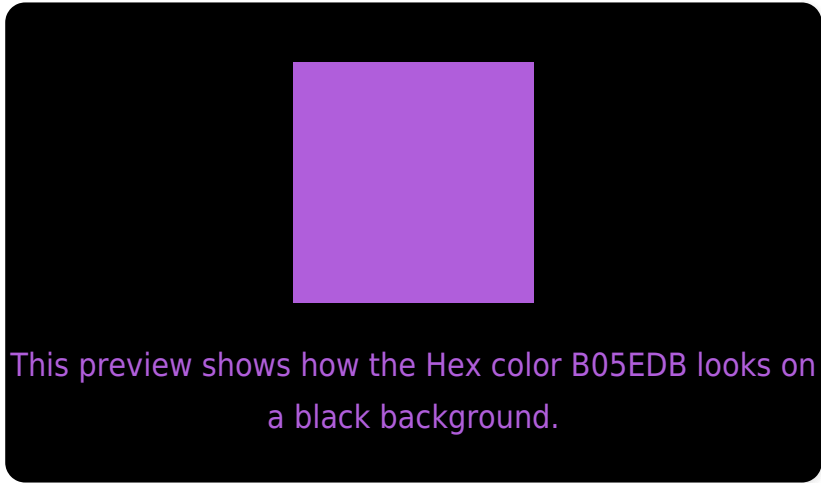
Large Text (above 18pt) WCAG AA ✓ Pass

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

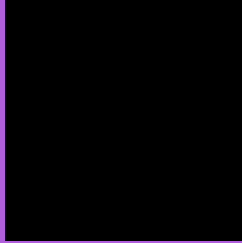
Any Text WCAG AA ✓ Pass

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 B05EDB Background



This preview shows how black text looks on a background with the Hex color B05EDB.

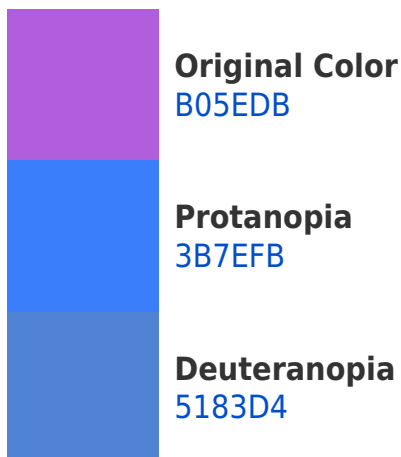


This preview shows how white text looks on a background with the Hex color B05EDB.

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](#).

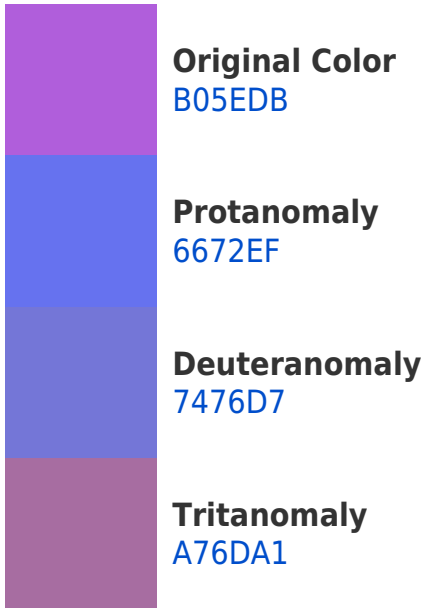
Dichromacy



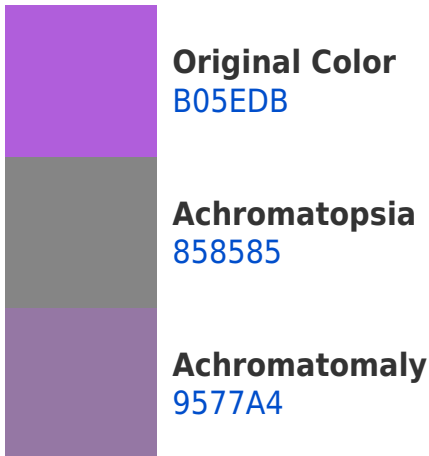


Tritanopia
A27680

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B05EDB 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 #B05EDB looks like.

```
.text, #text, p{  
  color:#B05EDB  
}
```

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 #B05EDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B05EDB
}
```

Border

The CSS property to change the border of an element to Hex B05EDB 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".

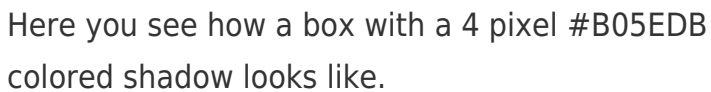
```
.border, #border, table{ border:4px solid
#B05EDB }
```

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

```
.border{ border-color:#B05EDB }
```

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

Here you see how a box with a 4 pixel #B05EDB colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a thick purple shadow is cast to the right and slightly downwards from the right edge of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B05EDB; -webkit-box-shadow:4px 4px  
4px 4px #B05EDB; box-shadow:4px 4px 4px  
4px #B05EDB }
```

Background

The CSS property to change the background color of an element to Hex B05EDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B05EDB }
```

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

```
.background{ background-color:#B05EDB }
```

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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