

Converting Colors

Hex(B087DB)

Have a look what the booklet for
Hex(B087DB) contains.

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Color

Hex(B087DB)

Conversions

Conversions Part 1

Format	Color
Hex	B087DB
RGB	176, 135, 219
RGB Percent	69%, 53%, 86%
CMY	0.3098, 0.4706, 0.1412
CMYK	0.20, 0.38, 0.00, 0.14
HSL	269°, 54%, 69%
HSV	269°, 38%, 86%
XYZ	39.3547, 31.6725, 71.0570
YIQ	156.8350, -2.5280, 34.8160

Conversions

Conversions Part 2

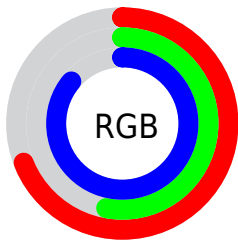
Format	Color
R_{YB}	176, 135, 219
Decimal	11569115
CIE _{Lab}	63.07, 31.84, -37.15
CIE _{LCh}	63, 48.929, 310.603
Yxy	31.6725, 0.2770, 0.2229
Android (android.graphics.Color)	4289759195 (0xFFB087DB)
YUV	156.8350, 30.6473, 16.8077
Hunter-Lab	56.2783, 26.3354, -35.4647

Details

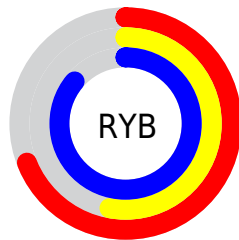
The Hex color **B087DB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B2DB87**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **E9BDFF**, and **7A54A4** is the 20% darker color. If you saturate the color by 10%, you get **A571DB**, and if you desaturate by 10%, it is **BB9DDB**.

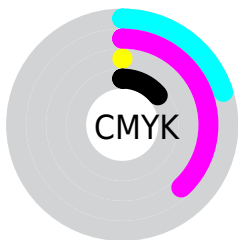
Distribution



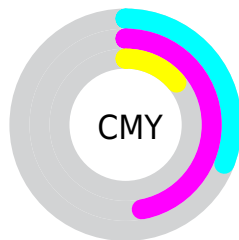
- Red (69%)
- Green (53%)
- Blue (86%)



- Red (69%)
- Yellow (53%)
- Blue (86%)



- Cyan (20%)
- Magenta (38%)
- Yellow (0%)
- Black (14%)



- Cyan (31%)
- Magenta (47%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color B087DB 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 B087DB by changing the saturation by 10% instead.

 B087DB

 B087DB

FFFFFF

 956DBF

 E9BDFE

 7A54A4

 FFD9FF

 603D89

 FFF5FF

 46266F

 2D0F56

 16003F

 000128

 000112

 000000

 B087DB

 B087DB

 A571DB

 BB9DDB

 9A5BDB

 C6B3DB

 8E45DB

 D2C9DB

 832FDB

 DDDFDB

 781ADB

 E8F4DB

 6D04DB

 F3FFDB

 6B00DB

 FEFFDB

 FFFFDB

Harmonies

Analogous

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



6998EE



B087DB



DA78B7

Triad

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



B087DB



C98C45



00AFA7

Complementary

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



B087DB



B2DB87

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.



2DAD7A



B087DB



A39B3F

Square

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



B087DB



E37C62



74A654



00ACD0

Rectangle

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



B087DB



E7739A



74A654



00AE98

Sweetspot

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



B087DB



EFE0FF



87B2DB



766E80



000000



808080

Same Dimension

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



B087DB



C38AFF



DA87DB



68636E



5500AD



16002E

Inverse Universe

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



DB87B2



FF8AC6



88DB87



6E6368



AD0059



2E0017

Previews

White Background



This preview shows how the Hex color B087DB looks on a white background.

Color Contrast Check

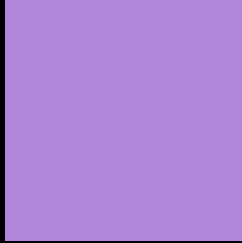
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B087DB looks on a 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 ✓ Pass

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

Hex B087DB Background



This preview shows how black text looks on a background with the Hex color B087DB.

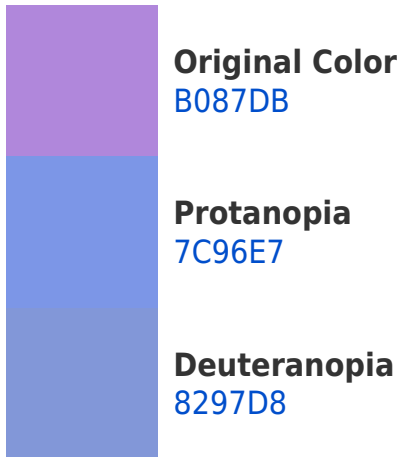


This preview shows how white text looks on a background with the Hex color B087DB.

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](#).

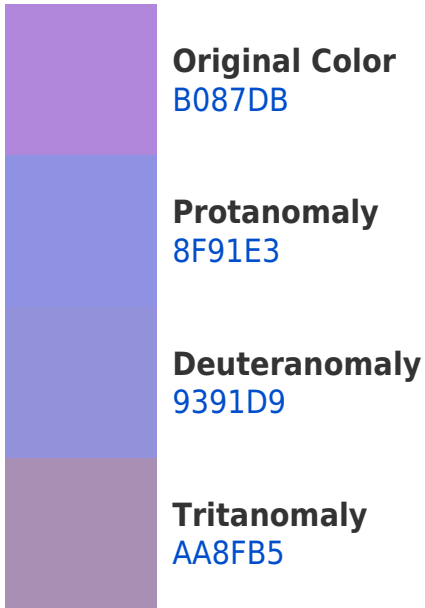
Dichromacy



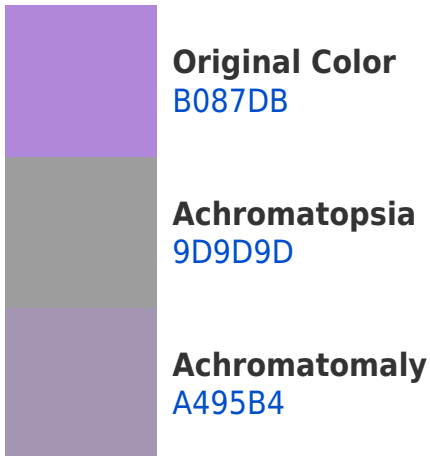


Tritanopia
A6949F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B087DB 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 #B087DB looks like.

```
.text, #text, p{  
    color:#B087DB  
}
```

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 #B087DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B087DB
}
```

Border

The CSS property to change the border of an element to Hex B087DB is called "border". The border property can be set on classes, ids or directly on the HTML element.

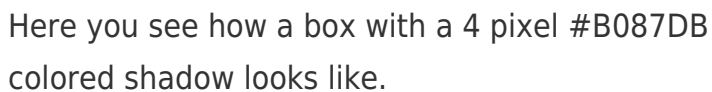
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B087DB }
```

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

```
.border{ border-color:#B087DB }
```

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



Here you see how a box with a 4 pixel #B087DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B087DB; -webkit-box-shadow:4px 4px  
4px 4px #B087DB; box-shadow:4px 4px 4px  
4px #B087DB }
```

Background

The CSS property to change the background color of an element to Hex B087DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B087DB }
```

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

```
.background{ background-color:#B087DB }
```

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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