

Converting Colors

Hex(B38DEB)

Have a look what the booklet for
Hex(B38DEB) contains.

| | |
|--|----|
| Hex(B38DEB) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(**B38DEB**)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B38DEB |
| RGB | 179, 141, 235 |
| RGB Percent | 70%, 55%, 92% |
| CMY | 0.2980, 0.4471, 0.0784 |
| CMYK | 0.24, 0.40, 0.00, 0.08 |
| HSL | 264°, 70%, 74% |
| HSV | 264°, 40%, 92% |
| XYZ | 43.1107, 34.6316, 83.0097 |
| YIQ | 163.0780, -7.5260, 37.2900 |

Conversions

Conversions Part 2

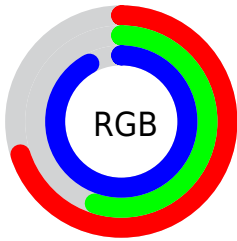
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 179, 141, 235 |
| Decimal | 11767275 |
| CIELab | 65.46, 33.04, -42.26 |
| CIELCh | 65, 53.641, 308.023 |
| Yxy | 34.6316, 0.2682, 0.2154 |
| Android (android.graphics.Color) | 4289957355 (0xFFB38DEB) |
| YUV | 163.0780, 35.4575, 13.9636 |
| Hunter-Lab | 58.8486, 27.7784, -42.4382 |

Details

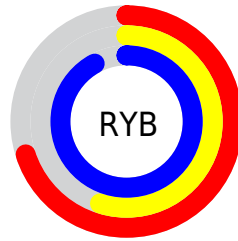
The Hex color **B38DEB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C5EB8D**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **ECC3FF**, and **7C5AB3** is the 20% darker color. If you saturate the color by 10%, you get **A576EB**, and if you desaturate by 10%, it is **C1A5EB**.

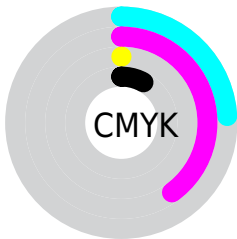
Distribution



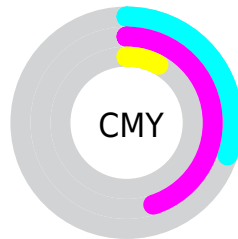
- Red (70%)
- Green (55%)
- Blue (92%)



- Red (70%)
- Yellow (55%)
- Blue (92%)



- Cyan (24%)
- Magenta (40%)
- Yellow (0%)
- Black (8%)



- Cyan (30%)
- Magenta (45%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color B38DEB 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 B38DEB by changing the saturation by 10% instead.

 B38DEB

 B38DEB

FFFFFF

 9773CF

 ECC3FF

 7C5AB3


 FFDFFF

 624298

 FFFCFF

 482B7D

 2D1464

 11004B

 000034

 00021E

 000000

 B38DEB

 B38DEB

 A576EB

 C1A5EB

 975EEB

 CFBC EB

 8947EB

 DDD4EB

 7B2FEB

 EBEBEB

 6D17EB

 F9FFEB

 5F00EB

 FFFFEB

Harmonies

Analogous

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



5EA0FE



B38DEB



E47BC4

Triad

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



B38DEB



D79044



00B7AB

Complementary

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



B38DEB



C5EB8D

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.



2BB479



B38DEB



AEA13A

Square

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



B38DEB



F17E66



7BAD4F



00B5D9

Rectangle

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



B38DEB



F475A4



7BAD4F



00B69A

Sweetspot

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



B38DEB



EDE0FF



8DC5EB



756E80



000000



808080

Same Dimension

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



B38DEB



B685FF



E28DEB



6E6A75



4900B5



160036

Inverse Universe

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



EB8DC5



FF85CE



96EB8D



756A71



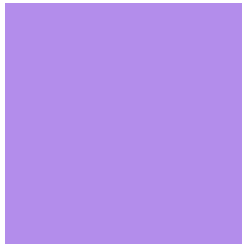
B5006C



360020

Previews

White Background



This preview shows how the Hex color B38DEB looks on a white background.

Color Contrast Check

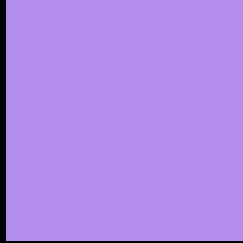
Large Text (above 18pt) WCAG AA × Fail

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 B38DEB 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 B38DEB Background



This preview shows how black text looks on a background with the Hex color B38DEB.

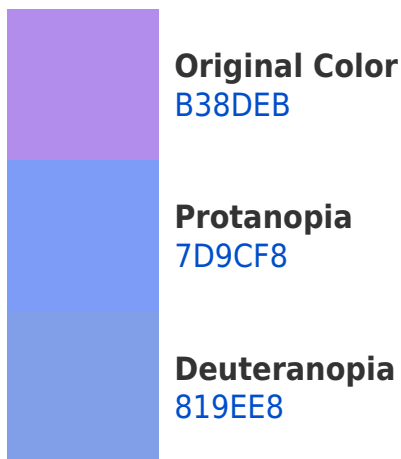



This preview shows how white text looks on a background with the Hex color B38DEB.

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](#).

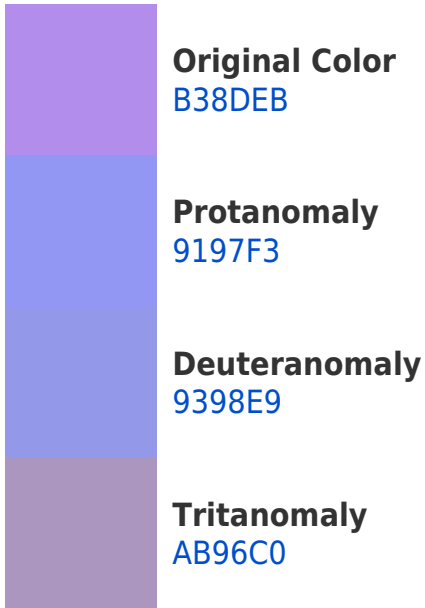
Dichromacy



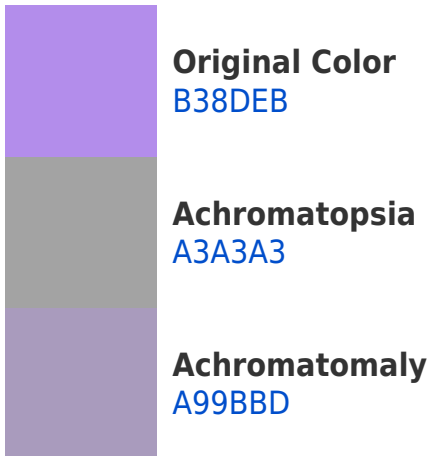


Tritanopia
A79BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B38DEB 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 #B38DEB looks like.

```
.text, #text, p{  
    color:#B38DEB  
}
```

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 #B38DEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B38DEB
}
```

Border

The CSS property to change the border of an element to Hex B38DEB 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
#B38DEB }
```

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

```
.border{ border-color:#B38DEB }
```

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

Here you see how a box with a 4 pixel #B38DEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B38DEB; -webkit-box-shadow:4px 4px  
4px 4px #B38DEB; box-shadow:4px 4px 4px  
4px #B38DEB }
```

Background

The CSS property to change the background color of an element to Hex B38DEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B38DEB }
```

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

```
.background{ background-color:#B38DEB }
```

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