

Converting Colors

Hex(B38DD8)

Have a look what the booklet for
Hex(B38DD8) contains.

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Color

Hex(B38DD8)

Conversions

Conversions Part 1

Format	Color
Hex	B38DD8
RGB	179, 141, 216
RGB Percent	70%, 55%, 85%
CMY	0.2980, 0.4471, 0.1529
CMYK	0.17, 0.35, 0.00, 0.15
HSL	270°, 49%, 70%
HSV	270°, 35%, 85%
XYZ	40.5100, 33.5913, 69.3144
YIQ	160.9120, -1.4270, 31.3810

Conversions

Conversions Part 2

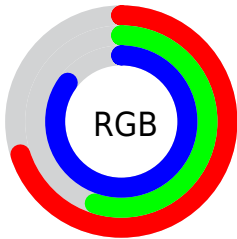
Format	Color
R _Y B	179, 141, 216
Decimal	11767256
CIE Lab	64.64, 28.71, -33.02
CIE LCh	65, 43.754, 311.004
Yxy	33.5913, 0.2825, 0.2342
Android (android.graphics.Color)	4289957336 (0xFFB38DD8)
YUV	160.9120, 27.1584, 15.8632
Hunter-Lab	57.9580, 23.3366, -30.3368

Details

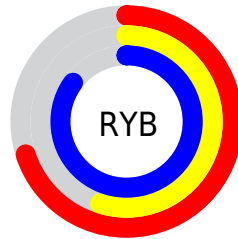
The Hex color **B38DD8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B2D88D**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **ECC3FF**, and **7D5AA1** is the 20% darker color. If you saturate the color by 10%, you get **A877D8**, and if you desaturate by 10%, it is **BEA3D8**.

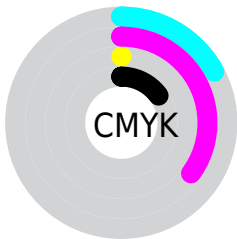
Distribution



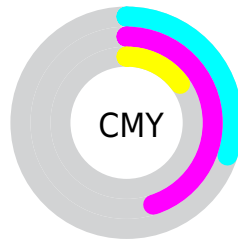
- Red (70%)
- Green (55%)
- Blue (85%)



- Red (70%)
- Yellow (55%)
- Blue (85%)



- Cyan (17%)
- Magenta (35%)
- Yellow (0%)
- Black (15%)



- Cyan (30%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B38DD8 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 B38DD8 by changing the saturation by 10% instead.

 B38DD8

 B38DD8

FFFFFF

 9873BC

 ECC3FF


 7D5AA1

 FFDFFF

 634286

 FFFCFF

 4A2B6D

 311554

 1A003D

 000026

 00010F

 000000

 B38DD8

 B38DD8

 A877D8

 BEA3D8

 9E62D8

 C8B8D8

 934CD8

 D3CED8

 8837D8

 DEE3D8

 7E21D8

 E8F9D8

 730BD8

 F3FFD8

 6D00D8

 FEFFD8

 FFFFD8

Harmonies

Analogous

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



779CE9



B38DD8



D880B7

Triad

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



B38DD8



CA9253



00B1AA

Complementary

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



B38DD8



B2D88D

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.



45AF82



B38DD8



A79F4E

Square

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



B38DD8



E1846B



7CA960



00AFCF

Rectangle

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



B38DD8



E57D9D



7CA960



00B19D

Sweetspot

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



B38DD8



F2E6FF



8DB3D8



787080



000000



808080

Same Dimension

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



B38DD8



CA94FF



D88DD8



66606B



5700AB



16002B

Inverse Universe

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



D88DB2



FF94C9



8DD88D



6B6066



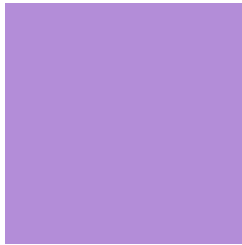
AB0054



2B0015

Previews

White Background



This preview shows how the Hex color B38DD8 looks on a white background.

Color Contrast Check

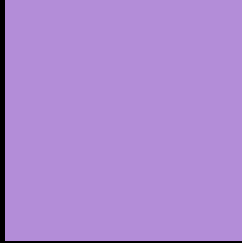
Large Text (above 18pt) WCAG AA × Fail

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 B38DD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

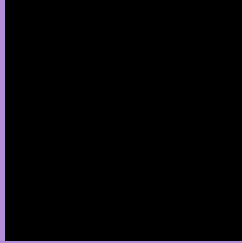
Any Text WCAG AA ✓ Pass

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 B38DD8 Background



This preview shows how black text looks on a background with the Hex color B38DD8.

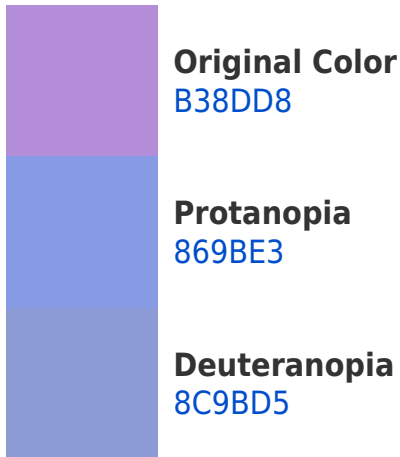



This preview shows how white text looks on a background with the Hex color B38DD8.

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](#).

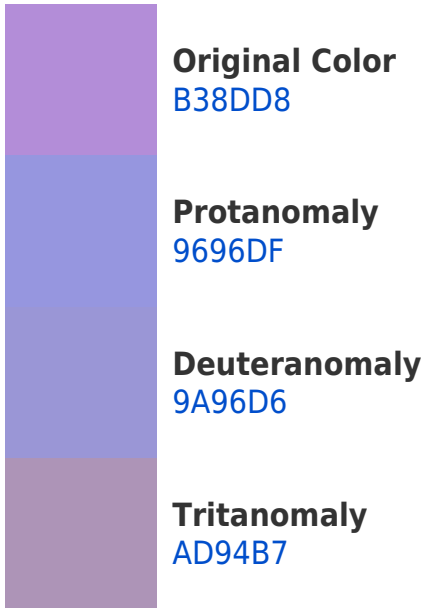
Dichromacy



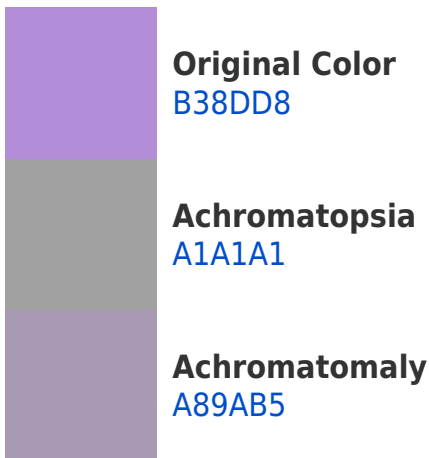


Tritanopia
AA98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B38DD8 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 #B38DD8 looks like.

```
.text, #text, p{  
    color:#B38DD8  
}
```

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 #B38DD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B38DD8  
}
```

Border

The CSS property to change the border of an element to Hex B38DD8 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  
#B38DD8 }
```

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

```
.border{ border-color:#B38DD8 }
```

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

Here you see how a box with a 4 pixel #B38DD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B38DD8; -webkit-box-shadow:4px 4px  
4px 4px #B38DD8; box-shadow:4px 4px 4px  
4px #B38DD8 }
```

Background

The CSS property to change the background color of an element to Hex B38DD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B38DD8 }
```

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

```
.background{ background-color:#B38DD8 }
```

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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