

Converting Colors

Hex(BD9ED8)

Have a look what the booklet for
Hex(BD9ED8) contains.

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Color

Hex(BD9ED8)

Conversions

Conversions Part 1

Format	Color
Hex	BD9ED8
RGB	189, 158, 216
RGB Percent	74%, 62%, 85%
CMY	0.2588, 0.3804, 0.1529
CMYK	0.12, 0.27, 0.00, 0.15
HSL	272°, 43%, 73%
HSV	272°, 27%, 85%
XYZ	45.6078, 40.2304, 70.3272
YIQ	173.8810, -0.1420, 24.6100

Conversions

Conversions Part 2

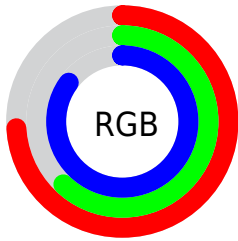
Format	Color
RYB	189, 158, 216
Decimal	12426968
CIELab	69.63, 22.34, -25.24
CIELCh	70, 33.703, 311.508
Yxy	40.2304, 0.2920, 0.2576
Android (android.graphics.Color)	4290617048 (0xFFBD9ED8)
YUV	173.8810, 20.7647, 13.2594
Hunter-Lab	63.4274, 17.3532, -21.3405

Details

The Hex color **BD9ED8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B9D89E**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **F6D5FF**, and **876AA1** is the 20% darker color. If you saturate the color by 10%, you get **B388D8**, and if you desaturate by 10%, it is **C7B4D8**.

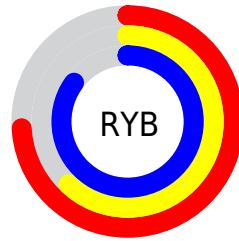
Distribution



Red (74%)

Green (62%)

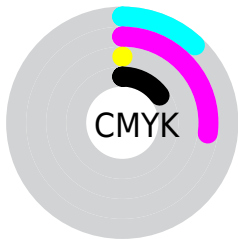
Blue (85%)



Red (74%)

Yellow (62%)

Blue (85%)

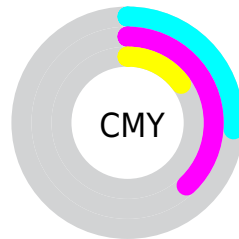


Cyan (12%)

Magenta (27%)

Yellow (0%)

Black (15%)



Cyan (26%)

Magenta (38%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD9ED8 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 BD9ED8 by changing the saturation by 10% instead.

 BD9ED8

 BD9ED8

FFFFFF

 A284BC

 F6D5FF

 876AA1

 FFF1FF

 6D5287

 543B6D

 3C2455

 250F3D

 140027

 000111

 000000

 BD9ED8

 BD9ED8

 B388D8

 C7B4D8

 A973D8

 D1C9D8

 9F5DD8

 DBDFD8

 9548D8

 E5F4D8

 8B32D8

 EFFF8

 811CD8

 F9FFD8

 7707D8

 FFFFD8

 7300D8

Harmonies

Analogous

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



92A9E6



BD9ED8



DA95BE

Triad

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



BD9ED8



CFA271



49BBB5

Complementary

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



BD9ED8



B9D89E

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.



6DB996



BD9ED8



B3AC6E

Square

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



BD9ED8



E29883



91B47B



3FB9D2

Rectangle

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



BD9ED8



E493AA



91B47B



54BBAB

Sweetspot

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



BD9ED8



F6EBFF



9EB9D8



7A7380



000000



808080

Same Dimension

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



BD9ED8



D9ADFF



D89ED6



66606B



5B00AB



17002B

Inverse Universe

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



D89EB9



FFADD3



9ED8A0



6B6065



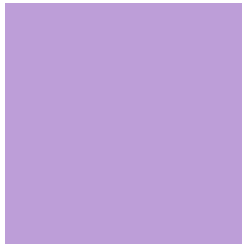
AB0050



2B0014

Previews

White Background



This preview shows how the Hex color BD9ED8 looks on a white background.

Color Contrast Check

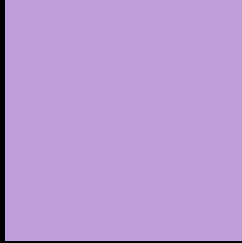
Large Text (above 18pt) WCAG AA × Fail

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 BD9ED8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

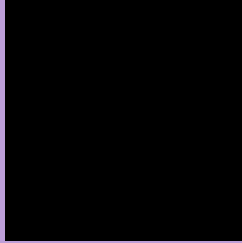
Any Text WCAG AA ✓ Pass

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 BD9ED8 Background



This preview shows how black text looks on a background with the Hex color BD9ED8.

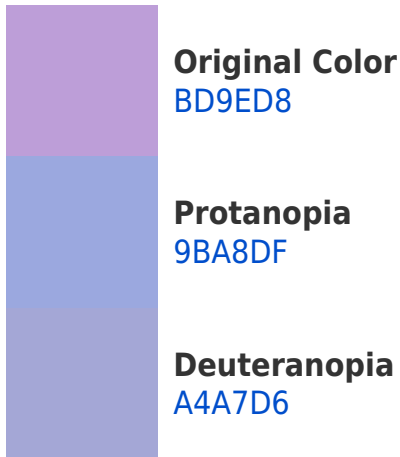


This preview shows how white text looks on a background with the Hex color BD9ED8.

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
B7A5B2

Trichromacy



Original Color
BD9ED8

Protanomaly
A7A4DC

Deuteranomaly
ADA4D7

Tritanomaly
B9A2C0

Monochromacy



Original Color
BD9ED8

Achromatopsia
AEAEAE

Achromatomaly
B3A8BD

CSS Examples

Text

The CSS property to change the color of the text to Hex BD9ED8 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 #BD9ED8 looks like.

```
.text, #text, p{  
    color:#BD9ED8  
}
```

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 #BD9ED8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD9ED8  
}
```

Border

The CSS property to change the border of an element to Hex BD9ED8 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  
#BD9ED8 }
```

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

```
.border{ border-color:#BD9ED8 }
```

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

Here you see how a box with a 4 pixel #BD9ED8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD9ED8; -webkit-box-shadow:4px 4px  
4px 4px #BD9ED8; box-shadow:4px 4px 4px  
4px #BD9ED8 }
```

Background

The CSS property to change the background color of an element to Hex BD9ED8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD9ED8 }
```

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

```
.background{ background-color:#BD9ED8 }
```

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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