

Converting Colors

Hex(DBD7E8)

Have a look what the booklet for
Hex(DBD7E8) contains.

Hex(DBD7E8)	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(DBD7E8)

Conversions

Conversions Part 1

Format	Color
Hex	DBD7E8
RGB	219, 215, 232
RGB Percent	86%, 84%, 91%
CMY	0.1412, 0.1569, 0.0902
CMYK	0.06, 0.07, 0.00, 0.09
HSL	254°, 27%, 88%
HSV	254°, 7%, 91%
XYZ	68.0793, 69.4871, 86.1681
YIQ	218.1340, -3.0730, 6.1350

Conversions

Conversions Part 2

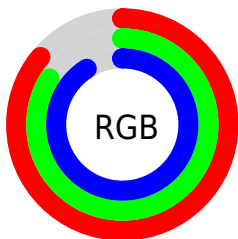
Format	Color
R _Y B	219, 215, 232
Decimal	14407656
CIE Lab	86.74, 4.50, -7.85
CIE LCh	87, 9.047, 299.829
Yxy	69.4871, 0.3043, 0.3106
Android (android.graphics.Color)	4292597736 (0xFFDBD7E8)
YUV	218.1340, 6.8359, 0.7595
Hunter-Lab	83.3589, -0.0970, -2.9368

Details

The Hex color **DBD7E8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E4E8D7**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFFF**, and **A4A0B0** is the 20% darker color. If you saturate the color by 10%, you get **C9C0E8**, and if you desaturate by 10%, it is **EDEEE8**.

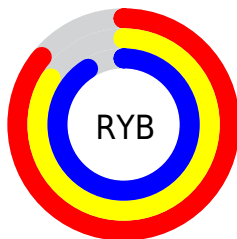
Distribution



Red (86%)

Green (84%)

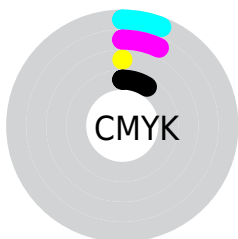
Blue (91%)



Red (86%)

Yellow (84%)

Blue (91%)

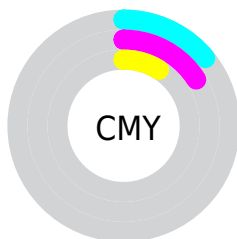


Cyan (6%)

Magenta (7%)

Yellow (0%)

Black (9%)



Cyan (14%)

Magenta (16%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBD7E8 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 DBD7E8 by changing the saturation by 10% instead.

■ DBD7E8

FFFFFF

■ DBD7E8

■ BFBBCC

■ A4A0B0

■ 8A8696

■ 706D7C

■ 585563

■ 403D4B

■ 2A2835

■ 16131F

■ 000005

 DBD7E8

 DBD7E8

 C9C0E8

 EDEEE8

 B8A9E8

 FEFFE8

 A691E8

 FFFFE8

 947AE8

 8263E8

 714CE8

 5F35E8

 4D1DE8

 3B06E8

Harmonies

Analogous

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



D0DAEA



DBD7E8



E5D5E2

Triad

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



DBD7E8



E8D6CB



C6DED9

Complementary

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



DBD7E8



E4E8D7

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.



CDDDD0



DBD7E8



E1D8C8

Square

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



DBD7E8



ECD4D1



D7DBCA



C4DEE1

Rectangle

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



DBD7E8



E9D4DC



D7DBCA



C8DED6

Sweetspot

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



DBD7E8



FBFAFF



D7E4E8



7E7D80



000000



808080

Same Dimension

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



DBD7E8



EDE8FF



E3D7E8



6A6773



2A00B3



0C0033

Inverse Universe

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



E8D7E4



FFE8FA



DCE8D7



736770



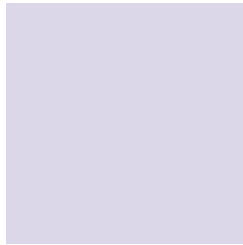
B30089



330027

Previews

White Background



This preview shows how the Hex color DBD7E8 looks on a white background.

Color Contrast Check

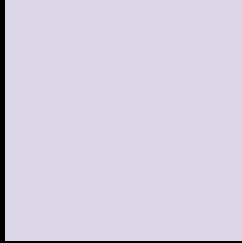
Large Text (above 18pt) WCAG AA × Fail

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 DBD7E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

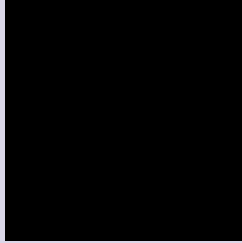
Any Text WCAG AA ✓ Pass

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 DBD7E8 Background



This preview shows how black text looks on a background with the Hex color DBD7E8.

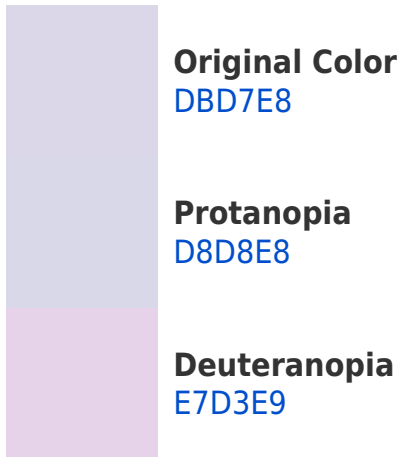


This preview shows how white text looks on a background with the Hex color DBD7E8.

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
DBD7E8

Trichromacy



Original Color

DBD7E8

Protanomaly

D9D8E8

Deuteranomaly

E3D4E9

Tritanomaly

DBD7E8

Monochromacy



Original Color

DBD7E8

Achromatopsia

DADADA

Achromatomaly

DAD9DF

CSS Examples

Text

The CSS property to change the color of the text to Hex DBD7E8 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 #DBD7E8 looks like.

```
.text, #text, p{  
    color:#DBD7E8  
}
```

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 #DBD7E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBD7E8
}
```

Border

The CSS property to change the border of an element to Hex DBD7E8 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
#DBD7E8 }
```

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

```
.border{ border-color:#DBD7E8 }
```

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

Here you see how a box with a 4 pixel #DBD7E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBD7E8; -webkit-box-shadow:4px 4px  
4px 4px #DBD7E8; box-shadow:4px 4px 4px  
4px #DBD7E8 }
```

Background

The CSS property to change the background color of an element to Hex DBD7E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBD7E8 }
```

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

```
.background{ background-color:#DBD7E8 }
```

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