

Converting Colors

Hex(DBBAEC)

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

Hex(DBBAEC)	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(DBBAEC)

Conversions

Conversions Part 1

Format	Color
Hex	DBBAEC
RGB	219, 186, 236
RGB Percent	86%, 73%, 93%
CMY	0.1412, 0.2706, 0.0745
CMYK	0.07, 0.21, 0.00, 0.07
HSL	280°, 57%, 83%
HSV	280°, 21%, 93%
XYZ	61.9126, 56.2340, 86.9480
YIQ	201.5670, 3.6180, 22.5460

Conversions

Conversions Part 2

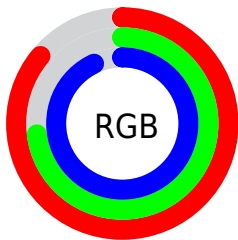
Format	Color
R _Y B	219, 186, 236
Decimal	14400236
CIE _{Lab}	79.75, 20.73, -20.47
CIE _{LCh}	80, 29.131, 315.356
Yxy	56.2340, 0.3019, 0.2742
Android (android.graphics.Color)	4292590316 (0xFFDBBAEC)
YUV	201.5670, 16.9755, 15.2887
Hunter-Lab	74.9893, 16.1417, -16.2525

Details

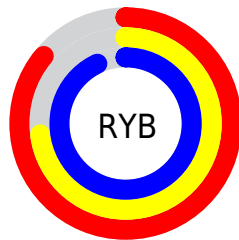
The Hex color **DBBAEC** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **CBECBA**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFF2FF**, and **A485B4** is the 20% darker color. If you saturate the color by 10%, you get **D3A2EC**, and if you desaturate by 10%, it is **E3D2EC**.

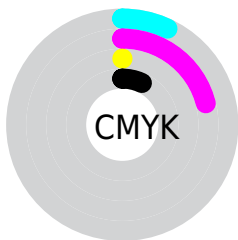
Distribution



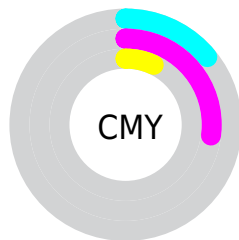
- Red (86%)
- Green (73%)
- Blue (93%)



- Red (86%)
- Yellow (73%)
- Blue (93%)



- Cyan (7%)
- Magenta (21%)
- Yellow (0%)
- Black (7%)



- Cyan (14%)
- Magenta (27%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 DBBAEC

FFFFFF

 FFF2FF

 DBBAEC

 BF9FD0

 A485B4

 896B99

 6F537F

 563B66

 3F254E

 281037

 160022

 000007

 DBBAEC

 DBBAEC

 D3A2EC

 E3D2EC

 CB8BEC

 EBE9EC

 C373EC

 F3FFEC

 BB5CEC

 FBFFEC

 B344EC

 FFFFEC

 AB2CEC

 A315EC

 9C00EC

Harmonies

Analogous

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



B8C3FA



DBBAEC



F3B3D4

Triad

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



DBBAEC



E6BF92



78D5D3

Complementary

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



DBBAEC



CBECBA

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.



8ED4B7



DBBAEC



CBC891

Square

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



DBBAEC



F7B7A0



ACD09F



78D2EB

Rectangle

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



DBBAEC



FBB2C2



ACD09F



7ED5CA

Sweetspot

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



DBBAEC



FAF0FF



BACBEC



7C7780



000000



808080

Same Dimension

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



DBBAEC



E9BFFF



ECBAE5



716A75



7700B5



230036

Inverse Universe

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



ECBACB



FFBFD5



BAECC1



756A6E



B5003E



360012

Previews

White Background



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

Color Contrast Check

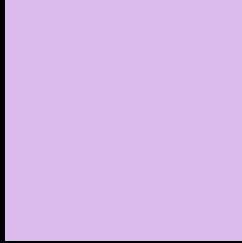
Large Text (above 18pt) WCAG AA × Fail

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 DBBAEC 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 DBBAEC Background



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

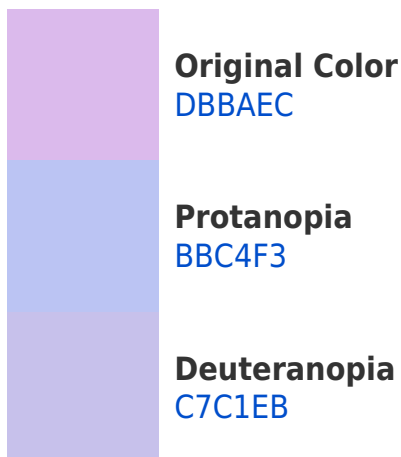


This preview shows how white text looks on a background with the Hex color DBBAEC.

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
D6BFCE

Trichromacy



Original Color
DBBAEC

Protanomaly
C7C0F0

Deuteranomaly
CEBEEB

Tritanomaly
D8BDD9

Monochromacy



Original Color
DBBAEC

Achromatopsia
CACACA

Achromatomaly
D0C4D6

CSS Examples

Text

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

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

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 #DBBAEC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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