

Converting Colors

Hex(DDBBDC)

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

Hex(DDBBDC)	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(DDBBDC)

Conversions

Conversions Part 1

Format	Color
Hex	DDBBDC
RGB	221, 187, 220
RGB Percent	87%, 73%, 86%
CMY	0.1333, 0.2667, 0.1373
CMYK	0.00, 0.15, 0.00, 0.13
HSL	302°, 33%, 80%
HSV	302°, 15%, 87%
XYZ	60.5074, 56.0801, 75.3456
YIQ	200.9280, 9.6710, 17.4710

Conversions

Conversions Part 2

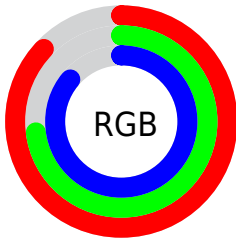
Format	Color
R_{YB}	221, 187, 220
Decimal	14531548
CIE _{Lab}	79.66, 17.80, -11.97
CIE _{LCh}	80, 21.450, 326.077
Yxy	56.0801, 0.3153, 0.2922
Android (android.graphics.Color)	4292721628 (0xFFDDBBDC)
YUV	200.9280, 9.4025, 17.6031
Hunter-Lab	74.8867, 13.1739, -7.2327

Details

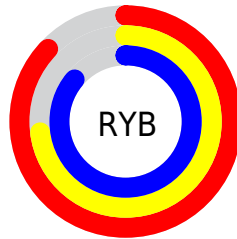
The Hex color **DDBBDC** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **BBDDBC**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFF3FF**, and **A686A5** is the 20% darker color. If you saturate the color by 10%, you get **DDA5DB**, and if you desaturate by 10%, it is **DDD1DD**.

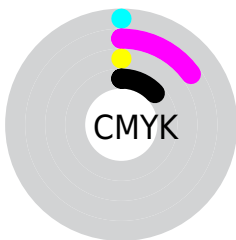
Distribution



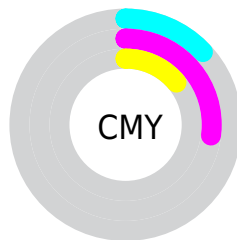
- Red (87%)
- Green (73%)
- Blue (86%)



- Red (87%)
- Yellow (73%)
- Blue (86%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 DDBBDC

FFFFFF


 FFF3FF

 DDBBDC

 C1A0C0

 A686A5

 8B6C8B

 715471

 593C59

 412641

 2A112B

 180017

 000000

 DDBBDC

 DDBBDC

 DDA5DB

 DDD1DD

 DD8FDB

 DDE7DD

 DD79DA

 DDFDDE

 DD63D9

 DDFFDF

 DD4DD9

 DDFFE0

 DD36D8

 DDFFE1

 DD20D7

 DDFFE2

 DD0AD7

 DD00D7

Harmonies

Analogous

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



C6C1E9



DDBBDC



ECB8C9

Triad

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



DDBBDC



D7C39E



8FD1D6

Complementary

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



DDBBDC



BBDDBC

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.



98D1C2



DDBBDC



C2CAA1

Square

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



DDBBDC



E8BDA5



ABCEAF



96CDE6

Rectangle

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



DDBBDC



EFB8BB



ABCEAF



90D1D0

Sweetspot

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



DDBBDC



FFF2FF



BCBBDD



80787F



000000



808080

Same Dimension

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



DDBBDC



FFD1FE



DDBBCB



6E636D



AD00A8



2E002D

Inverse Universe

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



DDBBDC



FFD1FE



BBDDCD



6E636D



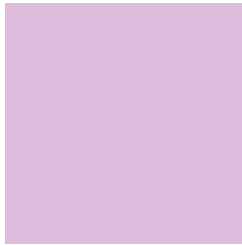
AD00A8



2E002D

Previews

White Background



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

Color Contrast Check

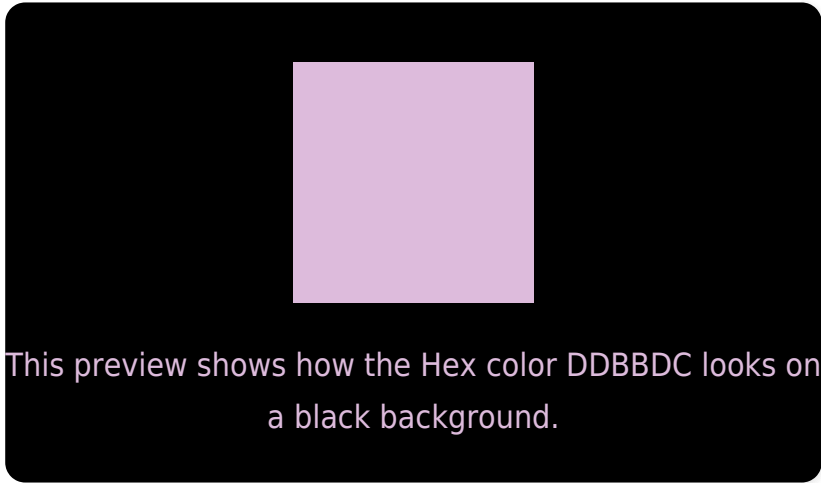
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

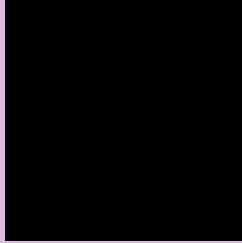
Any Text WCAG AA ✓ Pass

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 DDBBDC Background



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

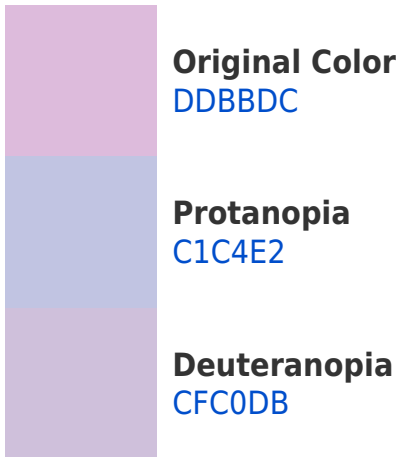


This preview shows how white text looks on a background with the Hex color DDBBDC.

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



Trichromacy



Original Color
DDBBDC

Protanomaly
CBC1E0

Deuteranomaly
D4BEDB

Tritanomaly
DCBDD2

Monochromacy



Original Color
DDBBDC

Achromatopsia
C9C9C9

Achromatomaly
D0C4D0

CSS Examples

Text

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

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

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 #DDBBDC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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