

Converting Colors

Hex(CDB3E5)

Have a look what the booklet for
Hex(CDB3E5) contains.

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Color

Hex(CDB3E5)

Conversions

Conversions Part 1

Format	Color
Hex	CDB3E5
RGB	205, 179, 229
RGB Percent	80%, 70%, 90%
CMY	0.1961, 0.2980, 0.1020
CMYK	0.10, 0.22, 0.00, 0.10
HSL	271°, 49%, 80%
HSV	271°, 22%, 90%
XYZ	55.4398, 50.8765, 81.0269
YIQ	192.4740, -0.5540, 21.0620

Conversions

Conversions Part 2

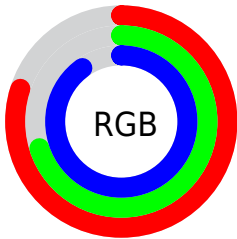
Format	Color
R_{YB}	205, 179, 229
Decimal	13480933
CIE _{Lab}	76.60, 18.61, -21.58
CIE _{LCh}	77, 28.493, 310.775
Yxy	50.8765, 0.2959, 0.2716
Android (android.graphics.Color)	4291671013 (0xFFCDB3E5)
YUV	192.4740, 18.0073, 10.9853
Hunter-Lab	71.3277, 13.9163, -17.4228

Details

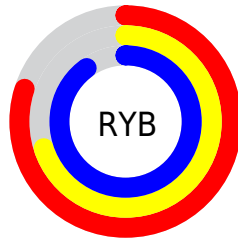
The Hex color **CDB3E5** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **CBE5B3**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFEBFF**, and **967EAD** is the 20% darker color. If you saturate the color by 10%, you get **C29CE5**, and if you desaturate by 10%, it is **D8CAE5**.

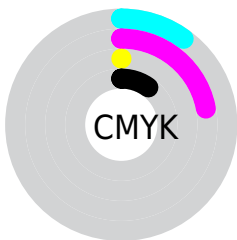
Distribution



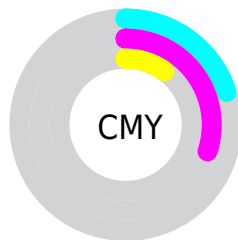
- Red (80%)
- Green (70%)
- Blue (90%)



- Red (80%)
- Yellow (70%)
- Blue (90%)



- Cyan (10%)
- Magenta (22%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (30%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDB3E5 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 CDB3E5 by changing the saturation by 10% instead.

 CDB3E5

 CDB3E5

FFFFFF

 B198C9

 FFE8FF

 967EAD

 7C6593

 634D79

 4B3660

 332048

 1D0B31

 00001C

 000000

 CDB3E5

 CDB3E5

 C29CE5

 D8CAE5

 B785E5

 E3E1E5

 AC6EE5

 EE8E5

 A157E5

 F9FFE5

 9640E5

 FFFFE5

 8B2AE5

 8013E5

 7700E5

Harmonies

Analogous

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



AABCFO



CDB3E5



E7ACCF

Triad

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



CDB3E5



DFB68C



74CCC6

Complementary

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



CDB3E5



CBE5B3

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.



8BCAAB



CDB3E5



C7BE89

Square

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



CDB3E5



EFAE9C



A9C694



6FCADE

Rectangle

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



CDB3E5



F0AABD



A9C694



7ACCBD

Sweetspot

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



CDB3E5



F6EDFF



B3CBE5



7B7580



000000



808080

Same Dimension

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



CDB3E5



DFBDFE



E5B3E4



6D6773



5D00B3



1B0033

Inverse Universe

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



E5B3CB



FFBDDD



B3E5B4



73676D



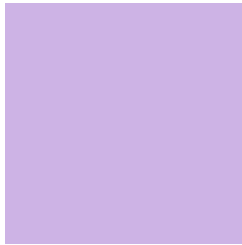
B30056



330018

Previews

White Background



This preview shows how the Hex color CDB3E5 looks on a white background.

Color Contrast Check

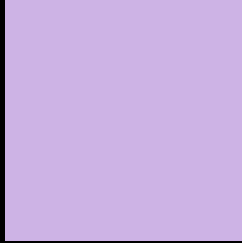
Large Text (above 18pt) WCAG AA × Fail

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 CDB3E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

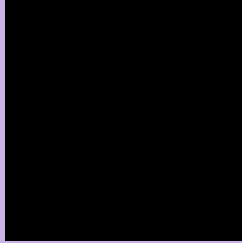
Any Text WCAG AA ✓ Pass

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 CDB3E5 Background



This preview shows how black text looks on a background with the Hex color CDB3E5.

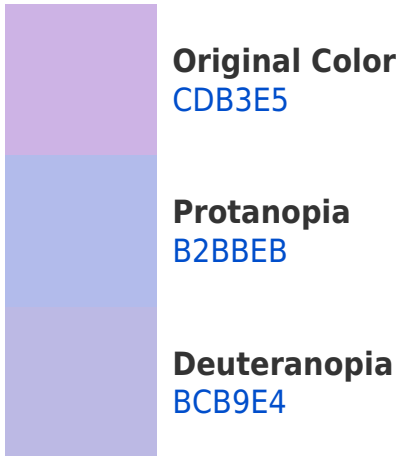


This preview shows how white text looks on a background with the Hex color CDB3E5.

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
C8B8C7

Trichromacy



Original Color
CDB3E5

Protanomaly
BCB8E9

Deuteranomaly
C2B7E4

Tritanomaly
CAB6D2

Monochromacy



Original Color
CDB3E5

Achromatopsia
C0C0C0

Achromatomaly
C5BBCD

CSS Examples

Text

The CSS property to change the color of the text to Hex CDB3E5 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 #CDB3E5 looks like.

```
.text, #text, p{  
    color:#CDB3E5  
}
```

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 #CDB3E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDB3E5
}
```

Border

The CSS property to change the border of an element to Hex CDB3E5 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
#CDB3E5 }
```

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

```
.border{ border-color:#CDB3E5 }
```

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

Here you see how a box with a 4 pixel #CDB3E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDB3E5; -webkit-box-shadow:4px 4px  
4px 4px #CDB3E5; box-shadow:4px 4px 4px  
4px #CDB3E5 }
```

Background

The CSS property to change the background color of an element to Hex CDB3E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDB3E5 }
```

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

```
.background{ background-color:#CDB3E5 }
```

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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