

# Converting Colors

Hex(D5CBE7)

Have a look what the booklet for  
Hex(D5CBE7) contains.

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# **Color**

**Hex(D5CBE7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D5CBE7
RGB	213, 203, 231
RGB Percent	84%, 80%, 91%
CMY	0.1647, 0.2039, 0.0941
CMYK	0.08, 0.12, 0.00, 0.09
HSL	261°, 37%, 85%
HSV	261°, 12%, 91%
XYZ	63.2203, 62.6275, 84.3576
YIQ	209.1820, -3.0280, 10.8280

# Conversions

## Conversions Part 2

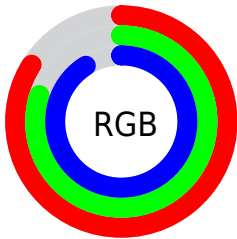
Format	Color
R <sub>Y</sub> B	213, 203, 231
Decimal	14011367
CIE Lab	83.25, 8.67, -12.58
CIE LCh	83, 15.277, 304.595
Yxy	62.6275, 0.3008, 0.2979
Android (android.graphics.Color)	4292201447 (0xFFD5CBE7)
YUV	209.1820, 10.7563, 3.3484
Hunter-Lab	79.1376, 4.1069, -7.8045

# Details

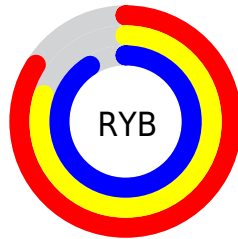
The Hex color **D5CBE7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DDE7CB**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFFFF**, and **9E95AF** is the 20% darker color. If you saturate the color by 10%, you get **C6B4E7**, and if you desaturate by 10%, it is **E4E2E7**.

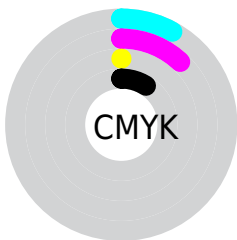
# Distribution



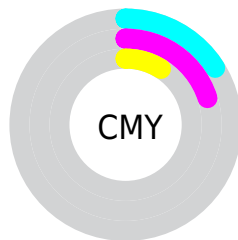
- Red (84%)
- Green (80%)
- Blue (91%)



- Red (84%)
- Yellow (80%)
- Blue (91%)



- Cyan (8%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (20%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5CBE7 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 D5CBE7 by changing the saturation by 10% instead.



 D5CBE7

FFFFFF

 D5CBE7

 B9B0CB

 9E95AF

 847B95

 6B627B

 524A62

 3B344A

 251F34

 12061F

 000002

 D5CBE7

 D5CBE7

 C6B4E7

 E4E2E7

 B79DE7

 F3F9E7

 A886E7

 FFFFE7

 9A6FE7

 8B58E7

 7C40E7

 6D29E7

 5E12E7

 5300E7

# Harmonies

## Analogous

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



C3D0EC



D5CBE7



E4C7DC

# Triad

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



D5CBE7



E6CAB6



ADD8D1

# Complementary

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



D5CBE7



DDE7CB

# 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.



B9D7C3



D5CBE7



D9CFB3

# Square

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



D5CBE7



EDC7C0



C9D4B8



ABD7DF

# Rectangle

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



D5CBE7



EBC6D3



C9D4B8



B0D8CC



# Sweetspot

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



D5CBE7



F8F5FF



CBDDE7



7B7980



000000



808080



# Same Dimension

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



D5CBE7



E6D9FF



E3CBE7



6B6773



4000B3



120033



# Inverse Universe

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



E7CBDD



FFD9F1



CFE7CB



73676F



B30073

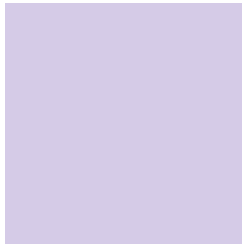


330021



# Previews

## White Background



This preview shows how the Hex color D5CBE7 looks on a white background.

## Color Contrast Check

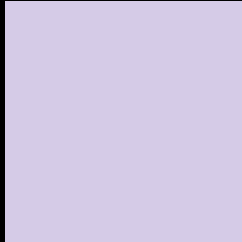
Large Text (above 18pt) WCAG AA × Fail

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 D5CBE7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

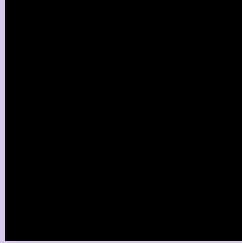
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

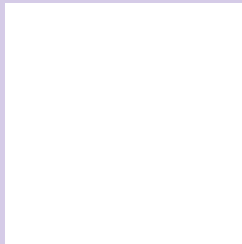
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D5CBE7 Background



This preview shows how black text looks on a background with the Hex color D5CBE7.

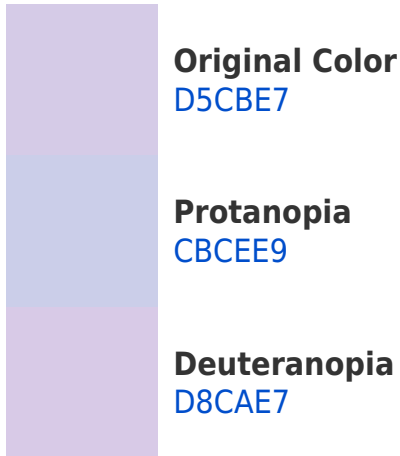


This preview shows how white text looks on a background with the Hex color D5CBE7.

# 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**  
D5CBE7

**Protanomaly**  
CFCDE8

**Deuteranomaly**  
D7CAE7

**Tritanomaly**  
D4CCE1

# Monochromacy



**Original Color**  
D5CBE7

**Achromatopsia**  
D1D1D1

**Achromatomaly**  
D2CFD9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5CBE7 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 #D5CBE7 looks like.

```
.text, #text, p{  
    color:#D5CBE7  
}
```

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 #D5CBE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5CBE7  
}
```

## Border

The CSS property to change the border of an element to Hex D5CBE7 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  
#D5CBE7 }
```

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

```
.border{ border-color:#D5CBE7 }
```

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

Here you see how a box with a 4 pixel #D5CBE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5CBE7; -webkit-box-shadow:4px 4px  
4px 4px #D5CBE7; box-shadow:4px 4px 4px  
4px #D5CBE7 }
```

# Background

The CSS property to change the background color of an element to Hex D5CBE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5CBE7 }
```

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

```
.background{ background-color:#D5CBE7 }
```

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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