

# Converting Colors

Hex(D5C7E8)

Have a look what the booklet for  
Hex(D5C7E8) contains.

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# **Color**

**Hex(D5C7E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5C7E8
RGB	213, 199, 232
RGB Percent	84%, 78%, 91%
CMY	0.1647, 0.2196, 0.0902
CMYK	0.08, 0.14, 0.00, 0.09
HSL	265°, 42%, 85%
HSV	265°, 14%, 91%
XYZ	62.4295, 60.8192, 84.7928
YIQ	206.9480, -2.2490, 13.2310

# Conversions

## Conversions Part 2

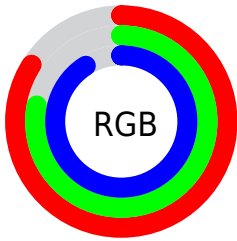
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 199, 232
Decimal	14010344
CIE Lab	82.28, 11.00, -14.55
CIE LCh	82, 18.246, 307.091
Yxy	60.8192, 0.3001, 0.2923
Android (android.graphics.Color)	4292200424 (0xFFD5C7E8)
YUV	206.9480, 12.3506, 5.3076
Hunter-Lab	77.9867, 6.4153, -9.8738

# Details

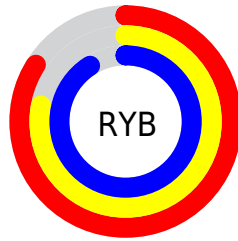
The Hex color **D5C7E8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DAE8C7**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFFFF**, and **9E91B0** is the 20% darker color. If you saturate the color by 10%, you get **C8B0E8**, and if you desaturate by 10%, it is **E2DEE8**.

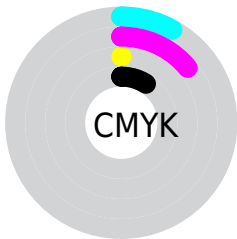
# Distribution



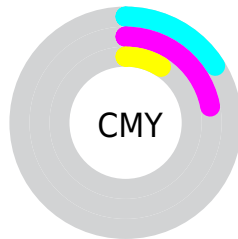
- Red (84%)
- Green (78%)
- Blue (91%)



- Red (84%)
- Yellow (78%)
- Blue (91%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (22%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5C7E8 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 D5C7E8 by changing the saturation by 10% instead.



 D5C7E8

FFFFFF

 D5C7E8

 B9ACCC

 9E91B0

 847796

 6B5F7C

 524763

 3B314B

 251C34

 12011F

 000003

 D5C7E8

 D5C7E8

 C8B0E8

 E2DEE8

 BA99E8

 F0F5E8

 AD81E8

 FDFFE8

 A06AE8

 FFFFE8

 9253E8

 853CE8

 7725E8

 6A0DE8

 6200E8

# Harmonies

## Analogous

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



BFCDEE



D5C7E8



E7C2DA

# Triad

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



D5C7E8



E6C7AE



A3D7D0

# Complementary

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



D5C7E8



DAE8C7

# 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.



B0D6BF



D5C7E8



D6CDAB

# Square

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



D5C7E8



F0C3B9



C3D2B1



A0D6E1

# Rectangle

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



D5C7E8



EEC1CF



C3D2B1



A6D7CA



# Sweetspot

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



D5C7E8



F9F5FF



C7DAE8



7C7980



000000



808080



# Same Dimension

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



D5C7E8



E6D4FF



E5C7E8



6C6773



4C00B3



160033



# Inverse Universe

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



E8C7DA



FFD4ED



CAE8C7



73676E



B30067

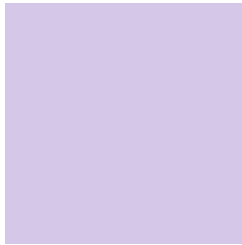


33001D



# Previews

## White Background



This preview shows how the Hex color D5C7E8 looks on a white background.

## Color Contrast Check

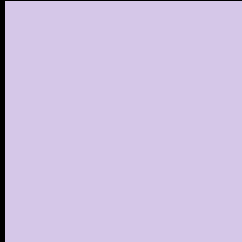
Large Text (above 18pt) WCAG AA × Fail

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 D5C7E8 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 D5C7E8 Background



This preview shows how black text looks on a background with the Hex color D5C7E8.

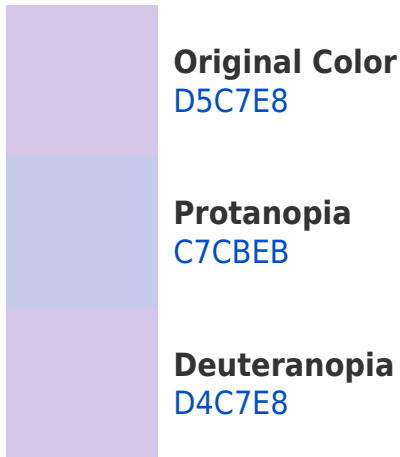


This preview shows how white text looks on a background with the Hex color D5C7E8.

# 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**  
D3C9D9

# Trichromacy



**Original Color**  
D5C7E8

**Protanomaly**  
CCCAEA

**Deuteranomaly**  
D4C7E8

**Tritanomaly**  
D4C8DE

# Monochromacy



**Original Color**  
D5C7E8

**Achromatopsia**  
CFCFCF

**Achromatomaly**  
D1CCD8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5C7E8 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 #D5C7E8 looks like.

```
.text, #text, p{  
    color:#D5C7E8  
}
```

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 #D5C7E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5C7E8  
}
```

## Border

The CSS property to change the border of an element to Hex D5C7E8 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  
#D5C7E8 }
```

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

```
.border{ border-color:#D5C7E8 }
```

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

Here you see how a box with a 4 pixel #D5C7E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5C7E8; -webkit-box-shadow:4px 4px  
4px 4px #D5C7E8; box-shadow:4px 4px 4px  
4px #D5C7E8 }
```

# Background

The CSS property to change the background color of an element to Hex D5C7E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5C7E8 }
```

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

```
.background{ background-color:#D5C7E8 }
```

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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