

# Converting Colors

Hex(D8D4EA)

Have a look what the booklet for  
Hex(D8D4EA) contains.

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# **Color**

**Hex(D8D4EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8D4EA
RGB	216, 212, 234
RGB Percent	85%, 83%, 92%
CMY	0.1529, 0.1686, 0.0824
CMYK	0.08, 0.09, 0.00, 0.08
HSL	251°, 34%, 87%
HSV	251°, 9%, 92%
XYZ	66.7137, 67.6264, 87.3789
YIQ	215.7040, -4.6780, 7.6900

# Conversions

## Conversions Part 2

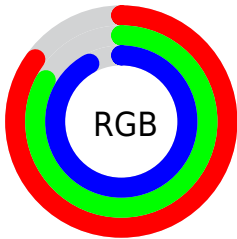
Format	Color
R <sub>Y</sub> B	216, 212, 234
Decimal	14210282
CIE Lab	85.82, 5.48, -10.31
CIE LCh	86, 11.672, 297.989
Yxy	67.6264, 0.3009, 0.3050
Android (android.graphics.Color)	4292400362 (0xFFD8D4EA)
YUV	215.7040, 9.0199, 0.2596
Hunter-Lab	82.2353, 0.8970, -5.4338

# Details

The Hex color **D8D4EA** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E6EAD4**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **A19DB2** is the 20% darker color. If you saturate the color by 10%, you get **C5BDEA**, and if you desaturate by 10%, it is **EBEBEA**.

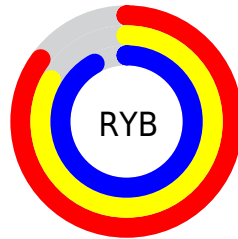
# Distribution



Red (85%)

Green (83%)

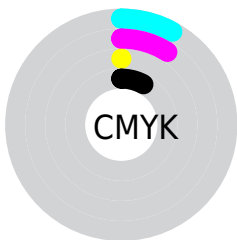
Blue (92%)



Red (85%)

Yellow (83%)

Blue (92%)

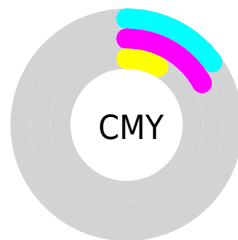


Cyan (8%)

Magenta (9%)

Yellow (0%)

Black (8%)



Cyan (15%)

Magenta (17%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8D4EA 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 D8D4EA by changing the saturation by 10% instead.



■ D8D4EA

FFFFFF

■ D8D4EA

■ BCB8CE

■ A19DB2

■ 878398

■ 6E6A7E

■ 555265

■ 3E3B4D

■ 282536

■ 141121

■ 000008

 D8D4EA

 D8D4EA

 C5BDEA

 EBEBEA

 B2A5EA

 FEFEEA

 9F8EEA

 FFFFEA

 8B76EA

 785FEA

 6548EA

 5230EA

 3F19EA

 2C01EA

# Harmonies

## Analogous

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



CAD8EC



D8D4EA



E5D1E2

# Triad

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



D8D4EA



EAD2C4



BEDDD5

# Complementary

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



D8D4EA



E6EAD4

# 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.



C8DCCB



D8D4EA



E1D5C1

# Square

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



D8D4EA



EFD0CD



D4D9C3



BBDDE0

# Rectangle

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



D8D4EA



EBD0DB



D4D9C3



C1DDD2



# Sweetspot

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



D8D4EA



F9F7FF



D4E6EA



7B7A80



000000



808080



# Same Dimension

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



D8D4EA



E8E3FF



E3D4EA



6C6A75



2100B5



0A0036



# Inverse Universe

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



EAD4E6



FFE3FA



DBEAD4



756A73



B50094

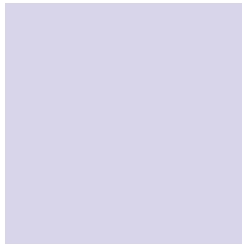


36002C



# Previews

## White Background



This preview shows how the Hex color D8D4EA looks on a white background.

## Color Contrast Check

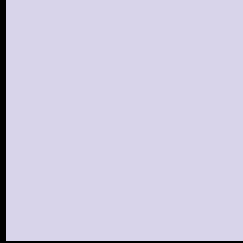
Large Text (above 18pt) WCAG AA × Fail

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 D8D4EA 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 D8D4EA Background



This preview shows how black text looks on a background with the Hex color D8D4EA.

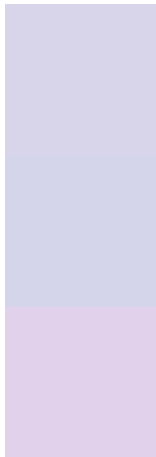


This preview shows how white text looks on a background with the Hex color D8D4EA.

# 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



**Original Color**  
D8D4EA

**Protanopia**  
D4D5EB

**Deuteranopia**  
E2D1EB



**Tritanopia**  
D7D5E6

# Trichromacy



**Original Color**  
D8D4EA

**Protanomaly**  
D5D5EB

**Deuteranomaly**  
DED2EB

**Tritanomaly**  
D7D5E7

# Monochromacy



**Original Color**  
D8D4EA

**Achromatopsia**  
D8D8D8

**Achromatomaly**  
D8D7DF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8D4EA 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 #D8D4EA looks like.

```
.text, #text, p{  
    color:#D8D4EA  
}
```

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 #D8D4EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8D4EA
}
```

## Border

The CSS property to change the border of an element to Hex D8D4EA 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
#D8D4EA }
```

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

```
.border{ border-color:#D8D4EA }
```

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

Here you see how a box with a 4 pixel #D8D4EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8D4EA; -webkit-box-shadow:4px 4px  
4px 4px #D8D4EA; box-shadow:4px 4px 4px  
4px #D8D4EA }
```

# Background

The CSS property to change the background color of an element to Hex D8D4EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8D4EA }
```

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

```
.background{ background-color:#D8D4EA }
```

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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