

# Converting Colors

Hex(DBDAE0)

Have a look what the booklet for  
Hex(DBDAE0) contains.

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# **Color**

**Hex(DBDAE0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DBDAE0
RGB	219, 218, 224
RGB Percent	86%, 85%, 88%
CMY	0.1412, 0.1451, 0.1216
CMYK	0.02, 0.03, 0.00, 0.12
HSL	250°, 9%, 87%
HSV	250°, 3%, 88%
XYZ	67.7394, 70.5847, 80.5750
YIQ	218.9830, -1.3300, 2.0780

# Conversions

## Conversions Part 2

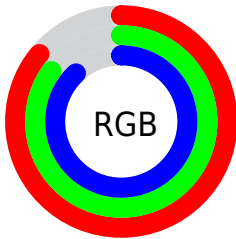
Format	Color
RYB	219, 218, 224
Decimal	14408416
CIE Lab	87.28, 1.43, -2.83
CIE LCh	87, 3.171, 296.899
Yxy	70.5847, 0.3095, 0.3225
Android (android.graphics.Color)	4292598496 (0xFFDBDAE0)
YUV	218.9830, 2.4734, 0.0149
Hunter-Lab	84.0147, -3.1047, 1.9477

# Details

The Hex color **DBDAE0** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DFE0DA**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **A4A3A9** is the 20% darker color. If you saturate the color by 10%, you get **C8C4E0**, and if you desaturate by 10%, it is **EEF0E0**.

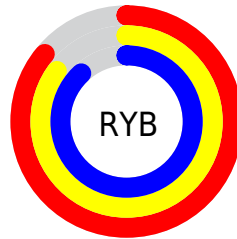
# Distribution



Red (86%)

Green (85%)

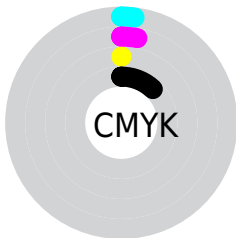
Blue (88%)



Red (86%)

Yellow (85%)

Blue (88%)

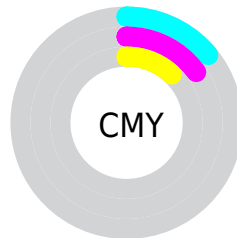


Cyan (2%)

Magenta (3%)

Yellow (0%)

Black (12%)



Cyan (14%)

Magenta (15%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBDAE0 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 DBDAE0 by changing the saturation by 10% instead.



■ DBDAE0

FFFFFF

■ DBDAE0

■ BFBEC4

■ A4A3A9

■ 8A898E

■ 707075

■ 58575C

■ 414045

■ 2B2A2F

■ 16161A

■ 000000

 DBDAE0

 DBDAE0

 C8C4E0

 EEF0E0

 B6ADE0

 FFFFE0

 A397E0

 9080E0

 7E6AE0

 6B54E0

 583DE0

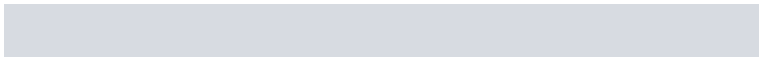
 4627E0

 3310E0

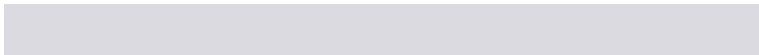
# Harmonies

## Analogous

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



D7DBE1



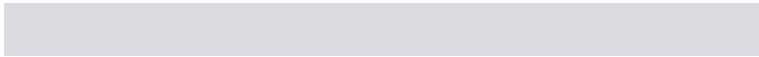
DBDAE0



DED9DE

# Triad

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



DBDAE0



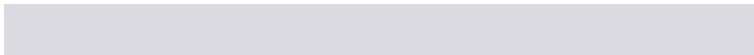
E0D9D6



D4DDDA

# Complementary

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



DBDAE0



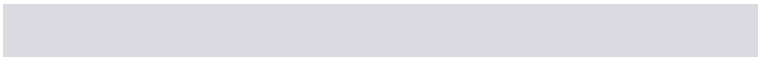
DFE0DA

# 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.



D7DCD7



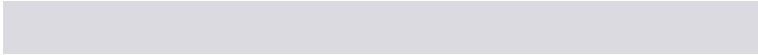
DBDAE0



DEDAD5

# Square

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



DBDAE0



E2D9D8



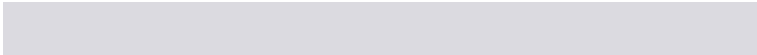
DADB5



D4DCDD

# Rectangle

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



DBDAE0



E0D9DC



DADBD5

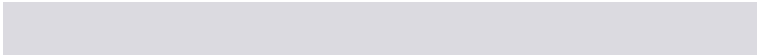


D5DCD9



# Sweetspot

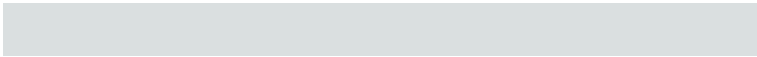
The Sweet Spot groups the original color and five complimentary colors.



DBDAE0



FDFCFF



DADFE0



7E7E80



000000

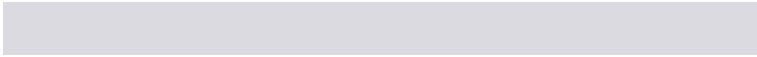


808080



# Same Dimension

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



DBDAE0



F9F7FF



DEDAE0



6C6C70



1D00B0



080030

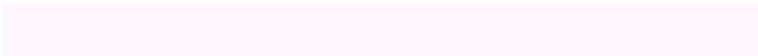


# Inverse Universe

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



E0DADF



FFF7FE



DCE0DA



706C6F



B00093

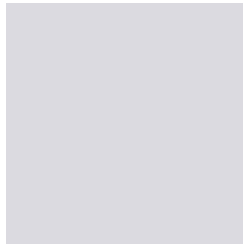


300028



# Previews

## White Background



This preview shows how the Hex color DBDAE0 looks on a white background.

## Color Contrast Check

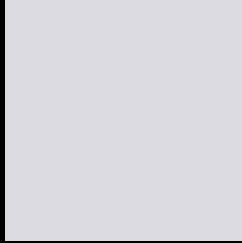
Large Text (above 18pt) WCAG AA × Fail

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 DBDAE0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

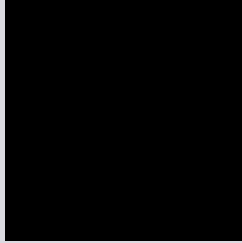
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

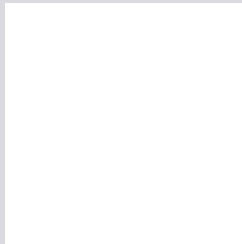
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DBDAE0 Background



This preview shows how black text looks on a background with the Hex color DBDAE0.



This preview shows how white text looks on a background with the Hex color DBDAE0.

# 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](#).

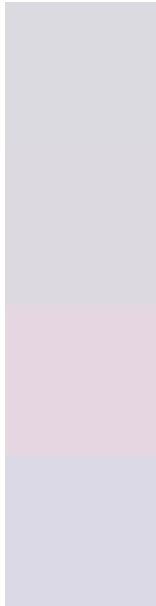
## Dichromacy





**Tritanopia**  
DDD8EA

# Trichromacy



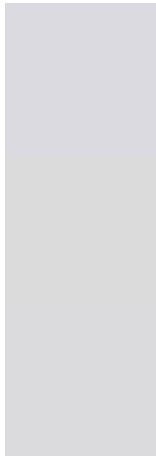
**Original Color**  
DBDAE0

**Protanomaly**  
DCD9E0

**Deuteranomaly**  
E6D6E1

**Tritanomaly**  
DCD9E6

# Monochromacy



**Original Color**  
DBDAE0

**Achromatopsia**  
DBDBDB

**Achromatomaly**  
DBDBDD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBDAE0 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 #DBDAE0 looks like.

```
.text, #text, p{  
    color:#DBDAE0  
}
```

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 #DBDAE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBDAE0
}
```

## Border

The CSS property to change the border of an element to Hex DBDAE0 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
#DBDAE0 }
```

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

```
.border{ border-color:#DBDAE0 }
```

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

Here you see how a box with a 4 pixel #DBDAE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBDAE0; -webkit-box-shadow:4px 4px  
4px 4px #DBDAE0; box-shadow:4px 4px 4px  
4px #DBDAE0 }
```

# Background

The CSS property to change the background color of an element to Hex DBDAE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBDAE0 }
```

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

```
.background{ background-color:#DBDAE0 }
```

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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