

# Converting Colors

Hex(DEE0DD)

Have a look what the booklet for  
Hex(DEE0DD) contains.

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# Color

**Hex(D EE0DD)**

# Conversions

Conversions Part 1	
Format	Color
Hex	DEE0DD
RGB	222, 224, 221
RGB Percent	87%, 88%, 87%
CMY	0.1294, 0.1216, 0.1333
CMYK	0.01, 0.00, 0.01, 0.12
HSL	100°, 5%, 87%
HSV	100°, 1%, 88%
XYZ	69.8310, 74.0614, 79.0214
YIQ	223.0600, -0.2290, -1.3570

# Conversions

## Conversions Part 2

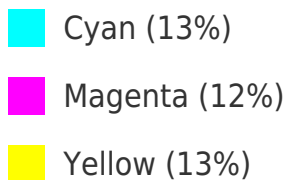
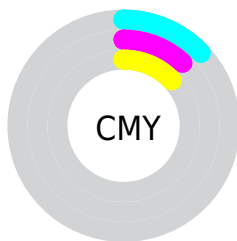
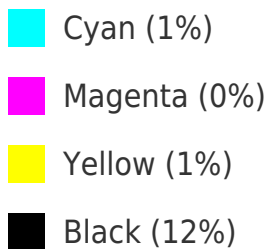
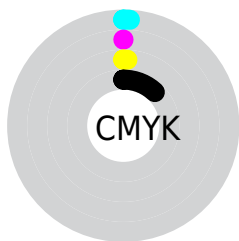
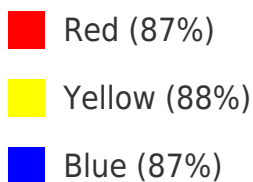
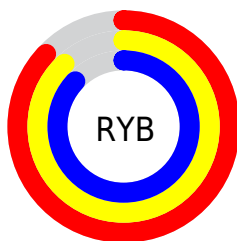
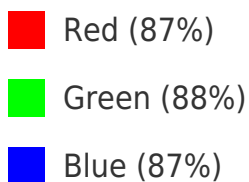
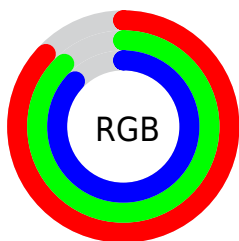
Format	Color
<a href="#">RYB</a>	<a href="#">221, 224, 223</a>
Decimal	<a href="#">14606557</a>
CIELab	<a href="#">88.95, -1.21, 1.22</a>
CIELCh	<a href="#">89, 1.716, 134.723</a>
Yxy	<a href="#">74.0614, 0.3133, 0.3322</a>
Android (android.graphics.Color)	<a href="#">4292796637</a> (0xFFDEE0DD)
YUV	<a href="#">223.0600, -1.0156, -0.9296</a>
Hunter-Lab	<a href="#">86.0589, -5.7624, 5.7997</a>

# Details

The Hex color **DEE0DD** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DFDDE0**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFFF**, and **A7A9A6** is the 20% darker color. If you saturate the color by 10%, you get **CFE0C7**, and if you desaturate by 10%, it is **EDE0F3**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color DEE0DD 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 DEE0DD by changing the saturation by 10% instead.



 DEE0DD

 DEE0DD

FFFFFF

 C2C4C1

 A7A9A6

 8D8E8C

 737572

 5B5C5A

 434542

 2D2F2C

 181A18

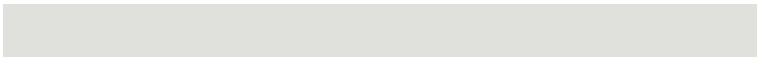
 000000

 DEE0DD DEE0DD CFE0C7 EDE0F3 C0E0B0 FCE0FF B1E09A FFE0FF A2E083 93E06D 84E057 75E040 67E02A 58E013

# Harmonies

## Analogous

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



E0E0DC



DEE0DD



DCE0DE

# Triad

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



DEE0DD



DDE0E2



E3DEDF

# Complementary

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



DEE0DD



DFDDE0

# Split Complementary

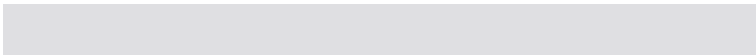
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E2DEE0



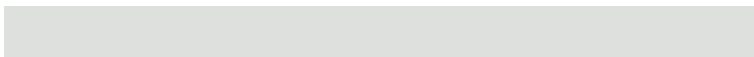
DEE0DD



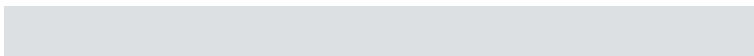
DFDFE2

# Square

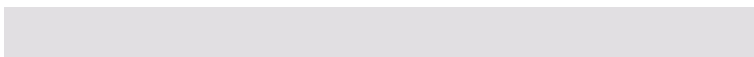
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DEE0DD



DCE0E2



E1DFE2



E3DFDD

# Rectangle

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



DEE0DD



DCE0E0



E1DFE2



E3DEDF



# Sweetspot

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



DEE0DD

FFFFFF



E0DFDD



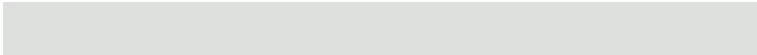
808080



000000

# Same Dimension

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



DEE0DD



FCFFFA



DDE0DE



6F706E



3BB000



103000

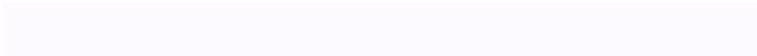


# Inverse Universe

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



DFDDE0



FDFAFF



E0DDE0



6F6E70



7500B0

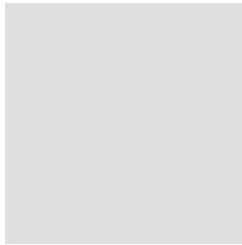


200030



# Previews

## White Background



This preview shows how the Hex color DEE0DD looks on a white background.

## Color Contrast Check

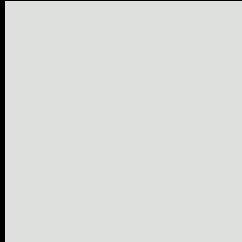
Large Text (above 18pt) WCAG AA × Fail

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 DEE0DD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

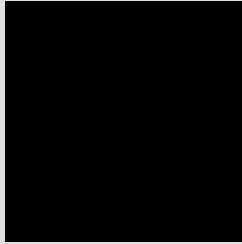
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

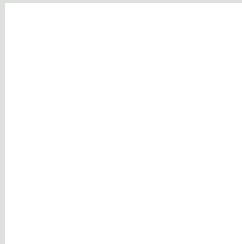
Any Text WCAG AAA ✓ Pass

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

## Hex DEE0DD Background



This preview shows how black text looks on a background with the Hex color DEE0DD.



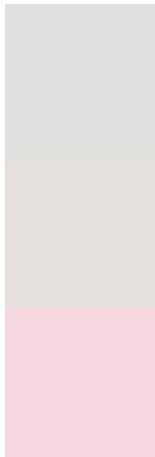
This preview shows how white text looks on a background with the Hex color DEE0DD.



# 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



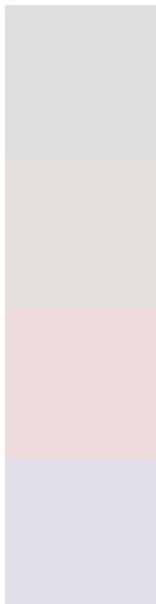
**Original Color**  
DEE0DD

**Protanopia**  
E4DEDC

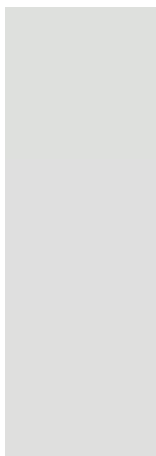
**Deuteranopia**  
F5D8DF



# Trichromacy

	<b>Original Color</b> DEE0DD
	<b>Protanomaly</b> E2DFDC
	<b>Deuteranomaly</b> EDDBDE
	<b>Tritanomaly</b> E0DEE8

# Monochromacy

	<b>Original Color</b> DEE0DD
	<b>Achromatopsia</b> DFDFDF
	<b>Achromatomaly</b> DFDFDE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEE0DD 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 #DEE0DD looks like.

```
.text, #text, p{  
    color:#DEE0DD  
}
```

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 #DEE0DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEE0DD
}
```

## Border

The CSS property to change the border of an element to Hex DEE0DD 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
#DEE0DD }
```

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

```
.border{ border-color:#DEE0DD }
```

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

Here you see how a box with a 4 pixel #DEE0DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEE0DD; -webkit-box-shadow:4px 4px  
4px 4px #DEE0DD; box-shadow:4px 4px 4px  
4px #DEE0DD }
```

# Background

The CSS property to change the background color of an element to Hex DEE0DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEE0DD }
```

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

```
.background{ background-color:#DEE0DD }
```

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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