

# Converting Colors

Hex(DDDAE4)

Have a look what the booklet for  
Hex(DDDAE4) contains.

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# **Color**

**Hex(DDDAE4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDDAE4
RGB	221, 218, 228
RGB Percent	87%, 85%, 89%
CMY	0.1333, 0.1451, 0.1059
CMYK	0.03, 0.04, 0.00, 0.11
HSL	258°, 16%, 87%
HSV	258°, 4%, 89%
XYZ	68.8938, 71.1164, 83.4945
YIQ	220.0370, -1.4220, 3.7460

# Conversions

## Conversions Part 2

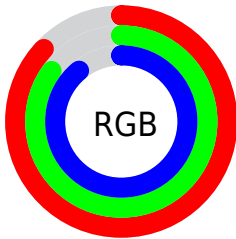
Format	Color
R <sub>Y</sub> B	221, 218, 228
Decimal	14539492
CIE Lab	87.54, 2.84, -4.54
CIE LCh	88, 5.357, 302.044
Yxy	71.1164, 0.3082, 0.3182
Android (android.graphics.Color)	4292729572 (0xFFDDDAE4)
YUV	220.0370, 3.9258, 0.8446
Hunter-Lab	84.3305, -1.7530, 0.3291

# Details

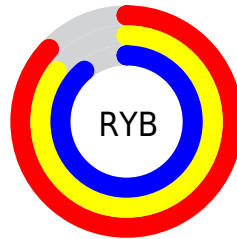
The Hex color **DDDAE4** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E1E4DA**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFFF**, and **A6A3AD** is the 20% darker color. If you saturate the color by 10%, you get **CDC3E4**, and if you desaturate by 10%, it is **EDF1E4**.

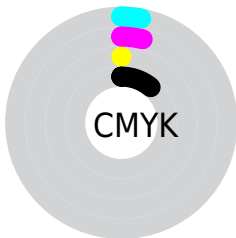
# Distribution



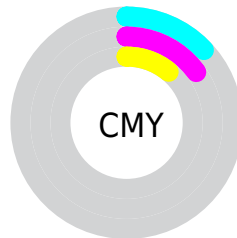
- Red (87%)
- Green (85%)
- Blue (89%)



- Red (87%)
- Yellow (85%)
- Blue (89%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (13%)
- Magenta (15%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDDAE4 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 DDDAE4 by changing the saturation by 10% instead.



■ DDDAE4

FFFFFF

■ DDDAE4

■ C1BEC8

■ A6A3AD

■ 8C8992

■ 727078

■ 5A5760

■ 424048

■ 2C2A32

■ 18161D

■ 000001

 DDDAE4

 DDDAE4

 CDC3E4

 EDF1E4

 BDACE4

 FDFFE4

 AD96E4

 FFFFE4

 9D7FE4

 8D68E4

 7D51E4

 6D3AE4

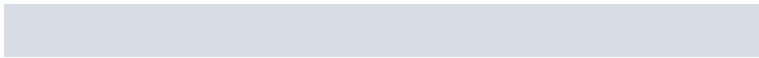
 5D24E4

 4D0DE4

# Harmonies

## Analogous

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



D7DCE5



DDDAE4



E3D9E0

# Triad

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



DDDAE4



E4DAD3



D0DFDC

# Complementary

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



DDDAE4



E1E4DA

# Split Complementary

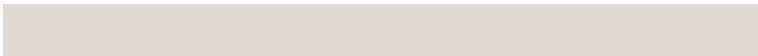
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D4DED6



DDDAE4



E0DBD1

# Square

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



DDDAE4



E7D8D6



DADDD3



CFDEE1

# Rectangle

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



DDDAE4



E5D8DD



DADDD3



D1DEDA



# Sweetspot

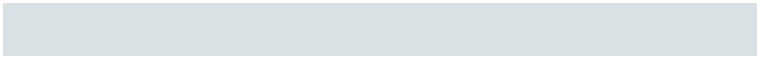
The Sweet Spot groups the original color and five complimentary colors.



DDDAE4



FDFCFF



DAE1E4



7F7E80



000000



808080



# Same Dimension

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



DDDAE4



F6F2FF



E2DAE4



6E6C73



3600B3



0F0033



# Inverse Universe

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



E4DAE1



FFF2FB



DCE4DA



736C71



B3007D

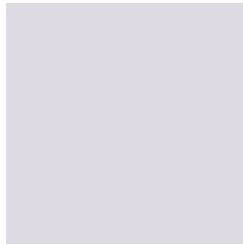


330024



# Previews

## White Background



This preview shows how the Hex color DDDAE4 looks on a white background.

## Color Contrast Check

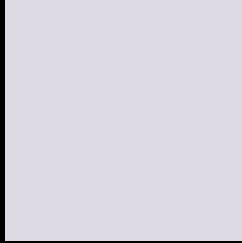
Large Text (above 18pt) WCAG AA × Fail

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 DDDAE4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

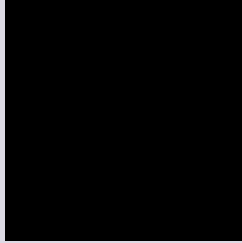
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

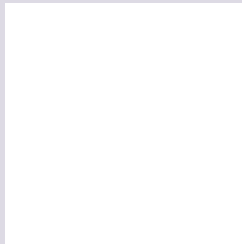
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DDDAE4 Background



This preview shows how black text looks on a background with the Hex color DDDAE4.

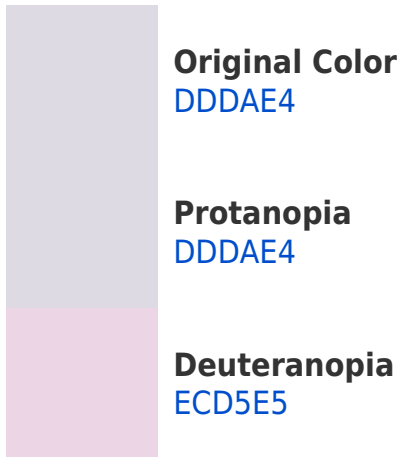


This preview shows how white text looks on a background with the Hex color DDDAE4.

# 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](#).

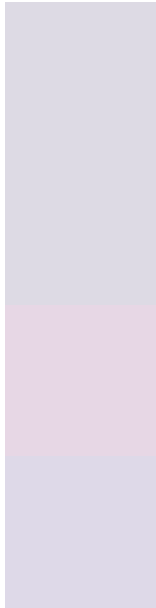
## Dichromacy





**Tritanopia**  
DED9EA

# Trichromacy



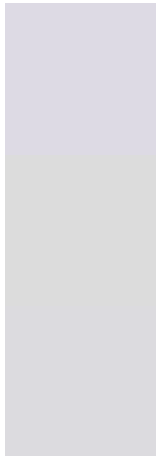
**Original Color**  
DDDAE4

**Protanomaly**  
DDDAE4

**Deuteranomaly**  
E7D7E5

**Tritanomaly**  
DED9E8

# Monochromacy



**Original Color**  
DDDAE4

**Achromatopsia**  
DCDCDC

**Achromatomaly**  
DCDBDF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDDAE4 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 #DDDAE4 looks like.

```
.text, #text, p{  
    color:#DDDAE4  
}
```

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 #DDDAE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDDAE4
}
```

## Border

The CSS property to change the border of an element to Hex DDDAE4 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
#DDDAE4 }
```

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

```
.border{ border-color:#DDDAE4 }
```

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

Here you see how a box with a 4 pixel #DDDAE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDDAE4; -webkit-box-shadow:4px 4px  
4px 4px #DDDAE4; box-shadow:4px 4px 4px  
4px #DDDAE4 }
```

# Background

The CSS property to change the background color of an element to Hex DDDAE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDDAE4 }
```

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

```
.background{ background-color:#DDDAE4 }
```

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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