

# Converting Colors

Hex(DDDAEC)

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

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# **Color**

**Hex(DDDAEC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DDDAEC
RGB	221, 218, 236
RGB Percent	87%, 85%, 93%
CMY	0.1333, 0.1451, 0.0745
CMYK	0.06, 0.08, 0.00, 0.07
HSL	250°, 32%, 89%
HSV	250°, 8%, 93%
XYZ	70.0305, 71.5711, 89.4805
YIQ	220.9490, -3.9900, 6.2340

# Conversions

## Conversions Part 2

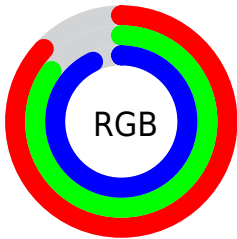
Format	Color
R <sub>Y</sub> B	221, 218, 236
Decimal	14539500
CIE Lab	87.76, 4.35, -8.44
CIE LCh	88, 9.491, 297.280
Yxy	71.5711, 0.3031, 0.3097
Android (android.graphics.Color)	4292729580 (0xFFDDDAEC)
YUV	220.9490, 7.4201, 0.0447
Hunter-Lab	84.5997, -0.2895, -3.4908

# Details

The Hex color **DDDAEC** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E9ECDA**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFFF**, and **A6A3B4** is the 20% darker color. If you saturate the color by 10%, you get **C9C2EC**, and if you desaturate by 10%, it is **F1F2EC**.

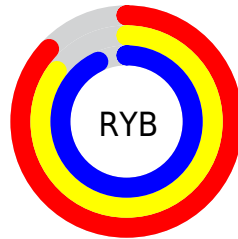
# Distribution



Red (87%)

Green (85%)

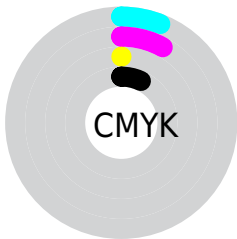
Blue (93%)



Red (87%)

Yellow (85%)

Blue (93%)

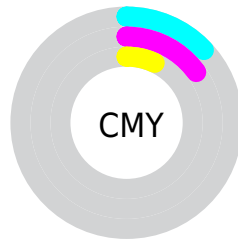


Cyan (6%)

Magenta (8%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (15%)

Yellow (7%)

# Brightness & Saturation Gradients

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



■ DDDAEC

FFFFFF

■ DDDAEC

■ C1BED0

■ A6A3B4

■ 8C8999

■ 72707F

■ 595766

■ 42404E

■ 2C2A38

■ 171622

■ 00000B

 DDDAEC

 DDDAEC

 C9C2EC

 F1F2EC

 B6ABEC

 FFFFEC

 A293EC

 8E7CEC

 7B64EC

 674CEC

 5335EC

 401DEC

 2C06EC

# Harmonies

## Analogous

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



D2DDEE



DDDAEC



E7D7E6

# Triad

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



DDDAEC



ECD8CD



C9E1DB

# Complementary

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



DDDAEC



E9ECDA

# Split Complementary

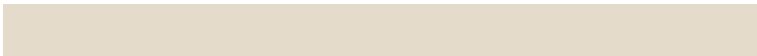
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D0E0D2



DDDAEC



E5DBCA

# Square

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



DDDAEC



F0D6D4



DADECC



C6E1E4

# Rectangle

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



DDDAEC



ECD6E0



DADECC



CBE1D8



# Sweetspot

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



DDDAEC



FBFAFF



DAE9EC



7D7D80



000000



808080



# Same Dimension

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



DDDAEC



ECE8FF



E6DAEC



6C6A75



1E00B5



090036



# Inverse Universe

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



ECDAE9



FFE8FB



E0ECDA



756A73



B50097

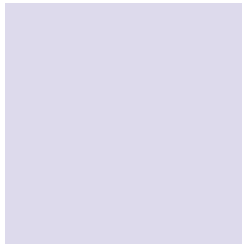


36002D



# Previews

## White Background



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

## Color Contrast Check

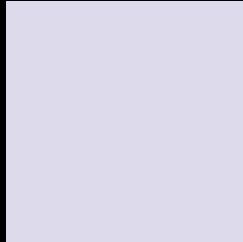
Large Text (above 18pt) WCAG AA × Fail

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 DDDAEC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

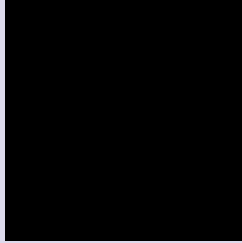
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DDDAEC Background



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

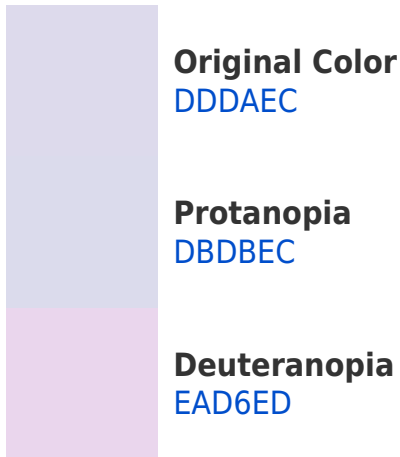


This preview shows how white text looks on a background with the Hex color DDDAEC.

# 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





# Trichromacy



**Original Color**  
DDDAEC

**Protanomaly**  
DCDBEC

**Deuteranomaly**  
E5D7ED

**Tritanomaly**  
DDDAEB

# Monochromacy



**Original Color**  
DDDAEC

**Achromatopsia**  
DDDDDD

**Achromatomaly**  
DDDCE2

# CSS Examples

## Text

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

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

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 #DDDAEC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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