

# Converting Colors

Hex(DDECE7)

Have a look what the booklet for  
Hex(DDECE7) contains.

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# **Color**

**Hex(DDECE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDECE7
RGB	221, 236, 231
RGB Percent	87%, 93%, 91%
CMY	0.1333, 0.0745, 0.0941
CMYK	0.06, 0.00, 0.02, 0.07
HSL	160°, 28%, 90%
HSV	160°, 6%, 93%
XYZ	74.2381, 81.1326, 87.3487
YIQ	230.9450, -7.3350, -4.7350

# Conversions

## Conversions Part 2

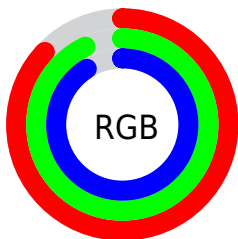
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 230, 236
Decimal	14544103
CIE Lab	92.19, -5.87, 0.70
CIE LCh	92, 5.913, 173.200
Yxy	81.1326, 0.3059, 0.3343
Android (android.graphics.Color)	4292734183 (0xFFDDECE7)
YUV	230.9450, 0.0271, -8.7218
Hunter-Lab	90.0736, -10.5104, 5.5552

# Details

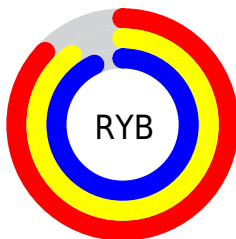
The Hex color **DDECE7** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **ECDDE2**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFFF**, and **A6B4AF** is the 20% darker color. If you saturate the color by 10%, you get **C5ECDF**, and if you desaturate by 10%, it is **F5ECEF**.

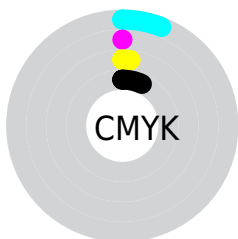
# Distribution



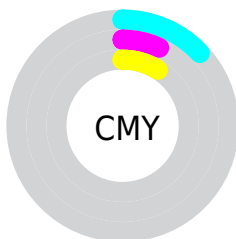
- Red (87%)
- Green (93%)
- Blue (91%)



- Red (87%)
- Yellow (90%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDECE7 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 DDECE7 by changing the saturation by 10% instead.



 DDECE7

FFFFFF

 DDECE7

 C1D0CB

 A6B4AF

 8C9995

 727F7B

 596662

 424E4A

 2C3834

 17221F

 000C06

 DDECE7

 DDECE7

 C5ECDF

 F5ECEF

 AEECD7

 FFECF7

 96ECCF

 FFECFF

 7FECC8

 67ECC0

 4FECCB8

 38ECB0

 20ECA8

 09ECA0

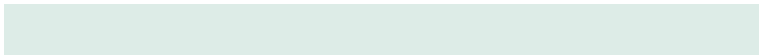
# Harmonies

## Analogous

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



E2EBE2



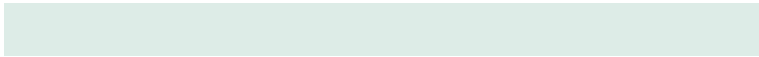
DDECE7



DBECED

# Triad

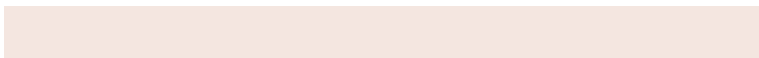
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DDECE7



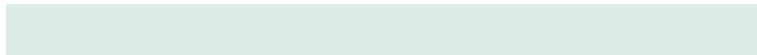
E8E8F3



F4E6E0

# Complementary

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



DDECE7



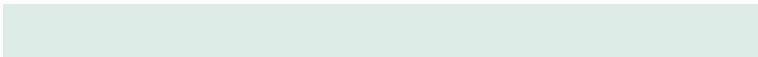
ECDDE2

# 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.



F5E5E4



DDECE7



EFE6EF

# Square

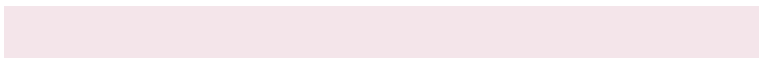
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



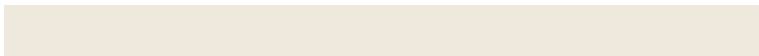
DDECE7



E2E9F4



F4E5EA



EFE8DD

# Rectangle

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



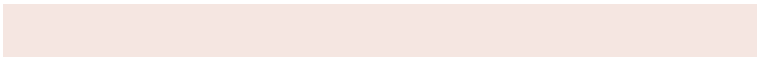
DDECE7



DCEBF0



F4E5EA



F5E6E1



# Sweetspot

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



DDECE7



FAFFFD



E2ECDD



7D807F



000000



808080



# Same Dimension

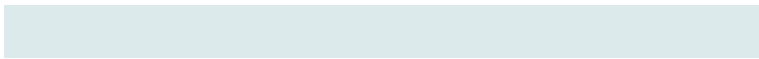
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DDECE7



EBFFF8



DDEAEC



6A7571



00B579



003624



# Inverse Universe

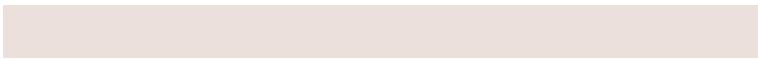
The Inverse Universe completely reimagines the original color for something new.



ECDDE2



FFEBF1



ECE0DD



756A6D



B5003C

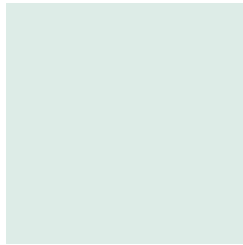


360012



# Previews

## White Background



This preview shows how the Hex color DDECE7 looks on a white background.

## Color Contrast Check

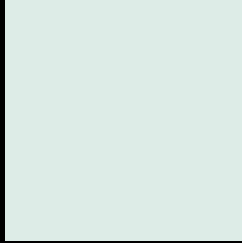
Large Text (above 18pt) WCAG AA × Fail

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 DDECE7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

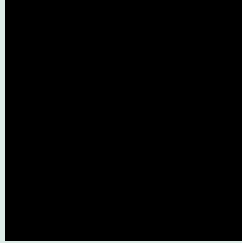
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

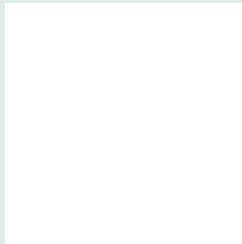
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DDECE7 Background



This preview shows how black text looks on a background with the Hex color DDECE7.

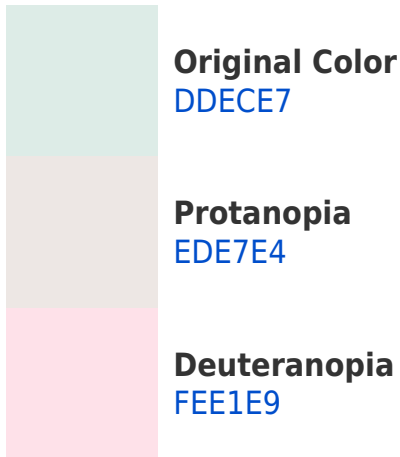


This preview shows how white text looks on a background with the Hex color DDECE7.

# 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](#).

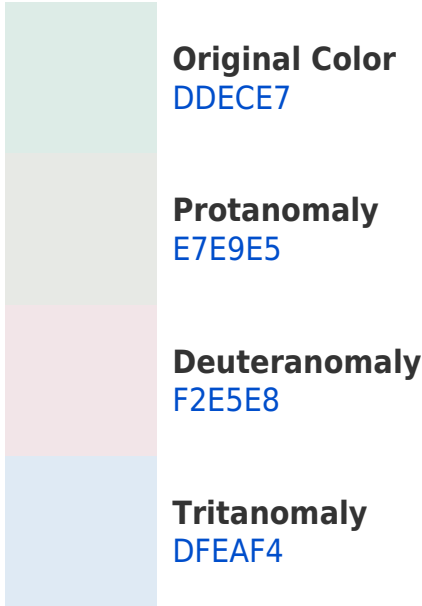
## Dichromacy





**Tritanopia**  
E0E9FB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDECE7 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 #DDECE7 looks like.

```
.text, #text, p{  
    color:#DDECE7  
}
```

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 #DDECE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDECE7
}
```

## Border

The CSS property to change the border of an element to Hex DDECE7 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
#DDECE7 }
```

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

```
.border{ border-color:#DDECE7 }
```

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

Here you see how a box with a 4 pixel #DDECE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDECE7; -webkit-box-shadow:4px 4px  
4px 4px #DDECE7; box-shadow:4px 4px 4px  
4px #DDECE7 }
```

# Background

The CSS property to change the background color of an element to Hex DDECE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDECE7 }
```

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

```
.background{ background-color:#DDECE7 }
```

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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