

# Converting Colors

Hex(DDDECB)

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

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# **Color**

**Hex(DDDECB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDDECB
RGB	221, 222, 203
RGB Percent	87%, 87%, 80%
CMY	0.1333, 0.1294, 0.2039
CMYK	0.00, 0.00, 0.09, 0.13
HSL	63°, 22%, 83%
HSV	63°, 9%, 87%
XYZ	66.7196, 71.9265, 66.8666
YIQ	219.5350, 5.5030, -6.1210

# Conversions

## Conversions Part 2

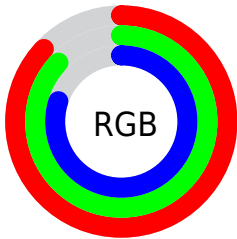
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 222, 204
Decimal	14540491
CIE Lab	87.93, -3.62, 9.20
CIE LCh	88, 9.883, 111.493
Yxy	71.9265, 0.3246, 0.3500
Android (android.graphics.Color)	4292730571 (0xFFDDDECB)
YUV	219.5350, -8.1518, 1.2848
Hunter-Lab	84.8095, -7.9908, 12.6204

# Details

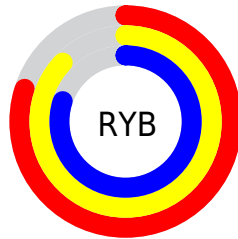
The Hex color **DDDECB** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CCCBDE**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFFF**, and **A6A795** is the 20% darker color. If you saturate the color by 10%, you get **DCDEB5**, and if you desaturate by 10%, it is **DEDEE1**.

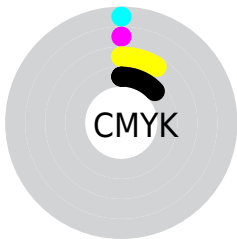
# Distribution



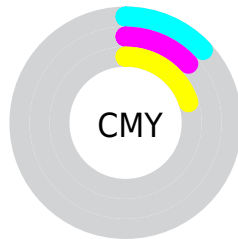
- Red (87%)
- Green (87%)
- Blue (80%)



- Red (80%)
- Yellow (87%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



 DDDECB

FFFFFF

 DDDECB

 C1C2B0

 A6A795

 8C8D7B

 727362

 595B4A

 424334

 2C2D1F

 181806

 000000

 DDDECB

 DDDECB

 DCDEB5

 DEDEE1

 DBDE9F

 DFDEF7

 D9DE88

 E1DEFF

 D8DE72

 E2DEFF

 D7DE5C

 E3DEFF

 D6DE46

 E4DEFF

 D5DE30

 E5DEFF

 D4DE19

 E6DEFF

 D2DE03

 E8DEFF

# Harmonies

## Analogous

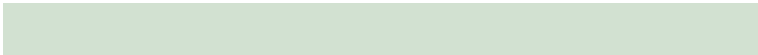
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E7DBCA



DDDECB



D2E1D1

# Triad

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



DDDECB



C8E1EB



EED6E0

# Complementary

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



DDDECB



CCCBDE

# 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.



E6D8E8



DDDECB



D0DEEF

# Square

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



DDDECB



C5E2E3



DBDBEE



F1D6D6

# Rectangle

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



DDDECB



CCE2D6



DBDBEE



ECD7E3



# Sweetspot

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



DDDECB



FFFFF7



DECCCB



7F807A



000000



808080



# Same Dimension

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



DDDECB



FEFFE6



D4DECB



707065



A7B000



2E3000



# Inverse Universe

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



CCCBDE



E7E6FF



D5CBDE



666570



0900B0

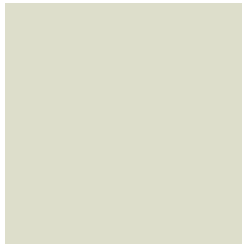


030030



# Previews

## White Background



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

## Color Contrast Check

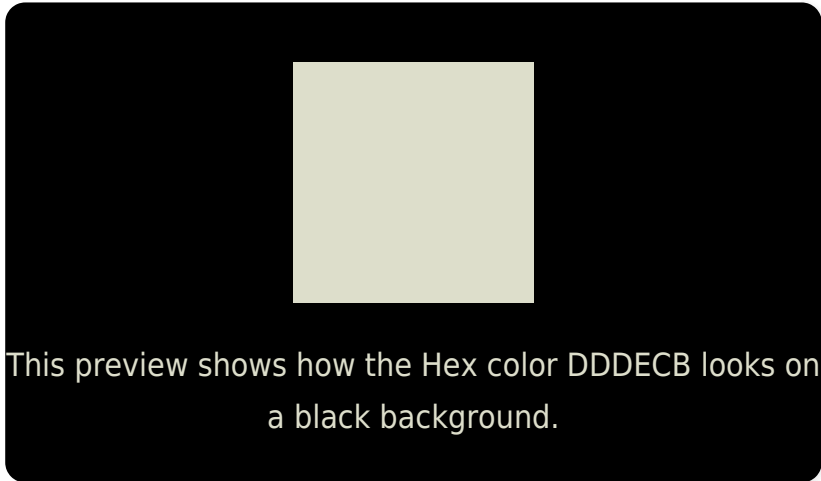
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

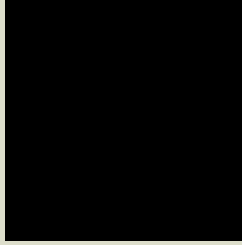
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

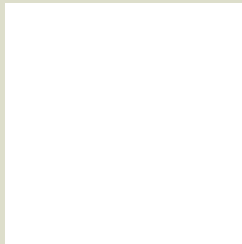
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DDDECB Background



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

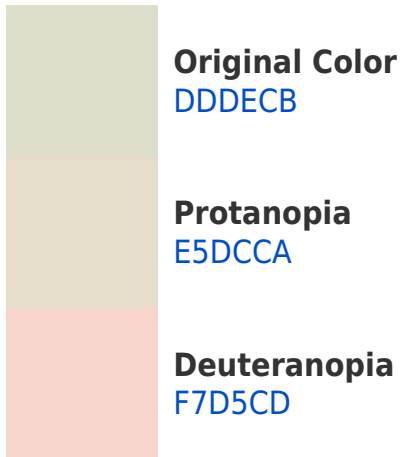


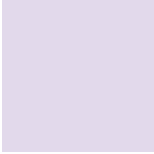
This preview shows how white text looks on a background with the Hex color DDDECB.

# 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**  
E2D9EB

# Trichromacy



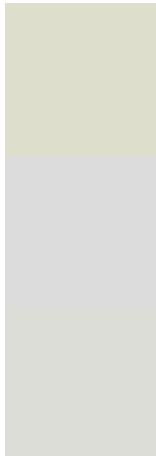
**Original Color**  
DDDECB

**Protanomaly**  
E2DDCA

**Deuteranomaly**  
EED8CC

**Tritanomaly**  
E0DBDF

# Monochromacy



**Original Color**  
DDDECB

**Achromatopsia**  
DCDCDC

**Achromatomaly**  
DCDDD6

# CSS Examples

## Text

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

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

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 #DDDECB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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