

Converting Colors

Hex(DCDEDB)

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

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Color

Hex(DCDEDB)

Conversions

Conversions Part 1

Format	Color
Hex	DCDEDB
RGB	220, 222, 219
RGB Percent	86%, 87%, 86%
CMY	0.1373, 0.1294, 0.1412
CMYK	0.01, 0.00, 0.01, 0.13
HSL	100°, 4%, 86%
HSV	100°, 1%, 87%
XYZ	68.4227, 72.5727, 77.4195
YIQ	221.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

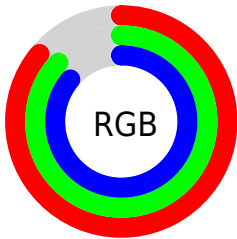
Format	Color
R _Y B	219, 222, 221
Decimal	14474971
CIE Lab	88.24, -1.21, 1.22
CIE LCh	88, 1.719, 134.722
Yxy	72.5727, 0.3133, 0.3323
Android (android.graphics.Color)	4292665051 (0xFFDCDEDB)
YUV	221.0600, -1.0156, -0.9296
Hunter-Lab	85.1896, -5.7140, 5.7505

Details

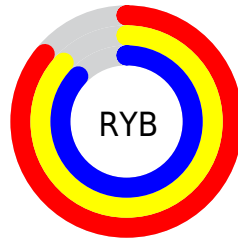
The Hex color **DCDEDB** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DDDBDE**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFFF**, and **A5A7A4** is the 20% darker color. If you saturate the color by 10%, you get **CDDEC5**, and if you desaturate by 10%, it is **EBDEF1**.

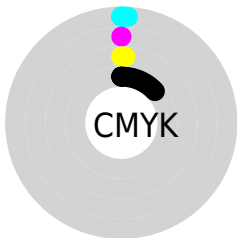
Distribution



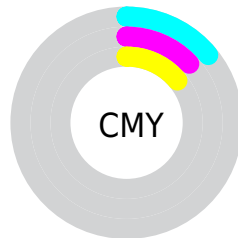
- Red (86%)
- Green (87%)
- Blue (86%)



- Red (86%)
- Yellow (87%)
- Blue (87%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

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

■ DCDEDB

FFFFFF

■ DCDEDB

■ C0C2BF

■ A5A7A4

■ 8B8D8A

■ 717370

■ 595B58

■ 424341

■ 2B2D2B

■ 171816

■ 000000

 DCDEDB

 DCDEDB

 CDDEC5

 EBDEF1

 BEDEAF

 FADEFF

 B0DE98

 FFDEFF

 A1DE82

 92DE6C

 83DE56

 74DE40

 66DE29

 57DE13

Harmonies

Analogous

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



DEDEDA



DCDEDB



DADEDC

Triad

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



DCDEDB



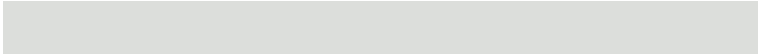
DBDEE0



E1DCDD

Complementary

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



DCDEDB



DDDBDE

Split Complementary

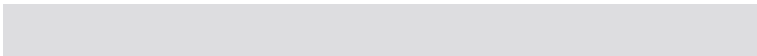
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E0DCDE



DCDEDB



DDDDE0

Square

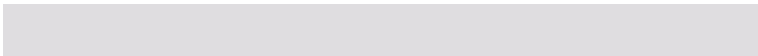
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DCDEDB



DADEE0



DFDDE0



E1DDDB

Rectangle

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



DCDEDB



DADEDE



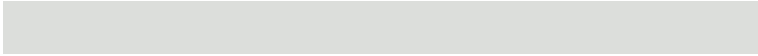
DFDDE0



E1DCDD

Sweetspot

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



DCDEDB

FFFFFF



DEDDDB



808080



000000

Same Dimension

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



DCDEDB



FCFFFA



DBDEDB



6F706E



3BB000



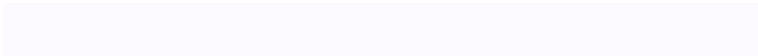
103000

Inverse Universe

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



DDDBDE



FDFAFF



DEDBDE



6F6E70



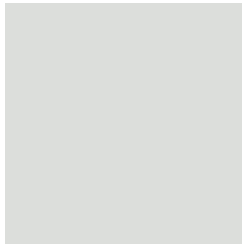
7500B0



200030

Previews

White Background



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

Color Contrast Check

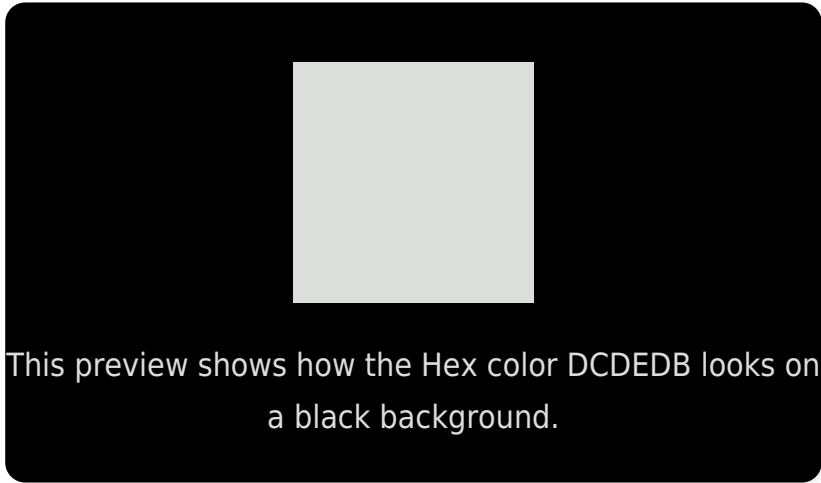
Large Text (above 18pt) WCAG AA × Fail

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

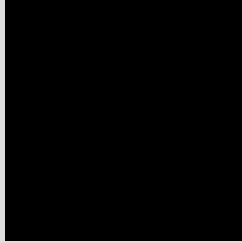
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

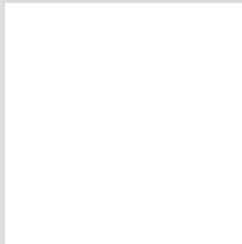
Any Text WCAG AAA ✓ Pass

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

Hex DCDEDB Background



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

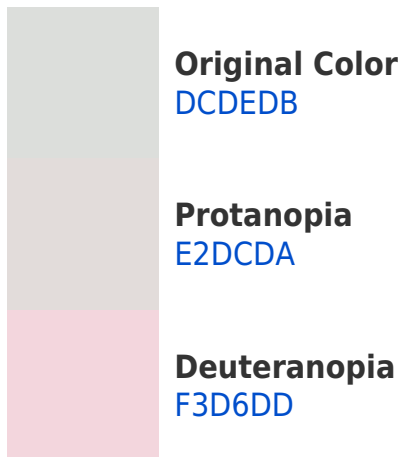


This preview shows how white text looks on a background with the Hex color DCDEDB.

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](#).

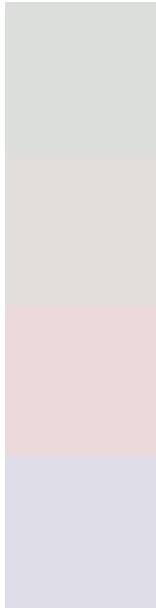
Dichromacy





Tritanopia
DFDBED

Trichromacy



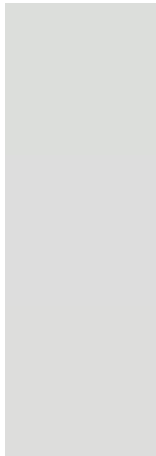
Original Color
DCDEDB

Protanomaly
E0DDDA

Deuteranomaly
EBD9DC

Tritanomaly
DEDCE6

Monochromacy



Original Color
DCDEDB

Achromatopsia
DDDDDD

Achromatomaly
DDDDDC

CSS Examples

Text

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

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

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 #DCDEDB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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