

Converting Colors

Hex(DEE8C5)

Have a look what the booklet for
Hex(DEE8C5) contains.

Hex(DEE8C5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D EE 8 C 5)

Conversions

Conversions Part 1

Format	Color
Hex	DEE8C5
RGB	222, 232, 197
RGB Percent	87%, 91%, 77%
CMY	0.1294, 0.0902, 0.2275
CMYK	0.04, 0.00, 0.15, 0.09
HSL	77°, 43%, 84%
HSV	77°, 15%, 91%
XYZ	69.0589, 77.2740, 64.0989
YIQ	225.0200, 5.2750, -13.0050

Conversions

Conversions Part 2

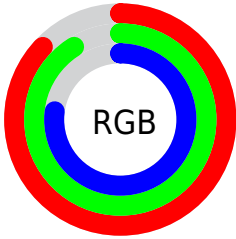
Format	Color
RYB	197, 232, 207
Decimal	14608581
CIELab	90.45, -9.33, 15.91
CIELCh	90, 18.441, 120.376
Yxy	77.2740, 0.3282, 0.3672
Android (android.graphics.Color)	4292798661 (0xFFDEE8C5)
YUV	225.0200, -13.8139, -2.6485
Hunter-Lab	87.9057, -13.6049, 18.3010

Details

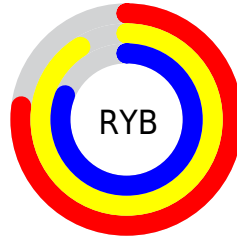
The Hex color **DEE8C5** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **CFC5E8**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFFFE**, and **A7B08F** is the 20% darker color. If you saturate the color by 10%, you get **D7E8AE**, and if you desaturate by 10%, it is **E5E8DC**.

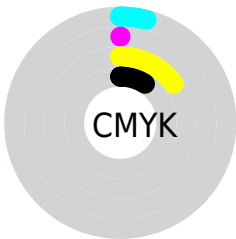
Distribution



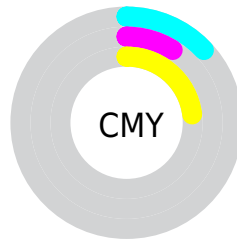
- Red (87%)
- Green (91%)
- Blue (77%)



- Red (77%)
- Yellow (91%)
- Blue (81%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEE8C5 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 DEE8C5 by changing the saturation by 10% instead.

 DEE8C5

FFFFFF

FFFFFFE

 DEE8C5

 C2CCAA

 A7B08F

 8C9675

 737C5D

 5A6345

 424B2E

 2C3519

 181F00

 000300

 DEE8C5

 DEE8C5

 D7E8AE

 E5E8DC

 D1E897

 EBE8F3

 CAE87F

 F2E8FF

 C3E868

 F9E8FF

 BDE851

 FFE8FF

 B6E83A

 B0E823

 A9E80B

 A6E800

Harmonies

Analogous

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



F2E2C1



DEE8C5



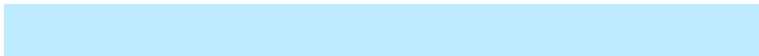
CAECD2

Triad

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



DEE8C5



BEEAFF



FFD8E4

Complementary

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



DEE8C5



CFC5E8

Split Complementary

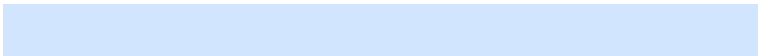
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FBD AF5



DEE8C5



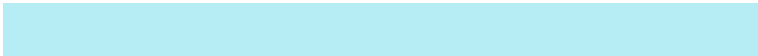
D1E5FF

Square

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



DEE8C5



B6EDF5



E7DFFF



FFD9D3

Rectangle

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



DEE8C5



BFEEDD



E7DFFF



FFD8EA

Sweetspot

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



DEE8C5



FBFFF2



E8CFC5



7D8078



000000



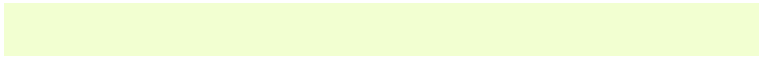
808080

Same Dimension

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



DEE8C5



F2FFD1



CDE8C5



6F7367



80B300



243300

Inverse Universe

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



CFC5E8



DED1FF



E0C5E8



6B6773



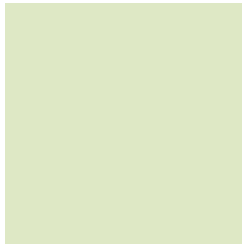
3300B3



0F0033

Previews

White Background



This preview shows how the Hex color DEE8C5 looks on a white background.

Color Contrast Check

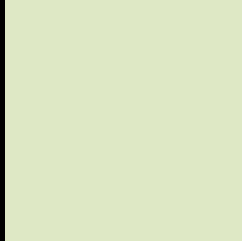
Large Text (above 18pt) WCAG AA × Fail

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 DEE8C5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

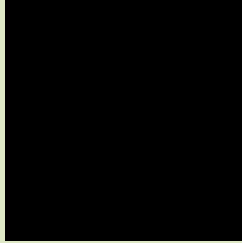
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

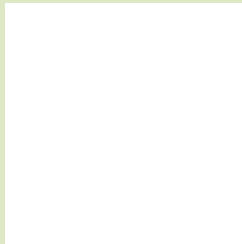
Any Text WCAG AAA ✓ Pass

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

Hex DEE8C5 Background



This preview shows how black text looks on a background with the Hex color DEE8C5.

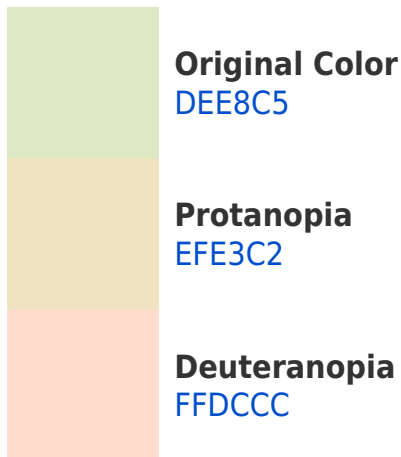


This preview shows how white text looks on a background with the Hex color DEE8C5.

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](#).

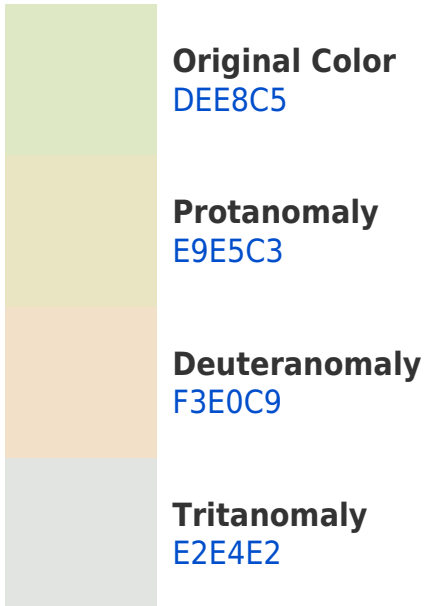
Dichromacy



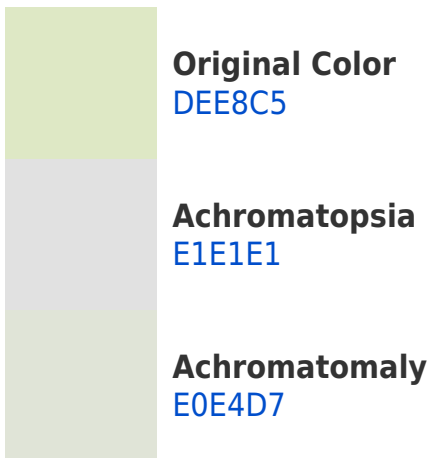


Tritanopia
E5E1F3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEE8C5 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 #DEE8C5 looks like.

```
.text, #text, p{  
    color:#DEE8C5  
}
```

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 #DEE8C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEE8C5
}
```

Border

The CSS property to change the border of an element to Hex DEE8C5 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
#DEE8C5 }
```

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

```
.border{ border-color:#DEE8C5 }
```

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

Here you see how a box with a 4 pixel #DEE8C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEE8C5; -webkit-box-shadow:4px 4px  
4px 4px #DEE8C5; box-shadow:4px 4px 4px  
4px #DEE8C5 }
```

Background

The CSS property to change the background color of an element to Hex DEE8C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEE8C5 }
```

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

```
.background{ background-color:#DEE8C5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor