

# Converting Colors

Hex(DEE5A6)

Have a look what the booklet for  
Hex(DEE5A6) contains.

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# **Color**

**Hex(D EE5A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEE5A6
RGB	222, 229, 166
RGB Percent	87%, 90%, 65%
CMY	0.1294, 0.1020, 0.3490
CMYK	0.03, 0.00, 0.28, 0.10
HSL	67°, 55%, 77%
HSV	67°, 28%, 90%
XYZ	65.0264, 74.3214, 46.9946
YIQ	219.7250, 16.0510, -21.0770

# Conversions

## Conversions Part 2

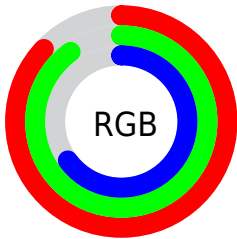
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 229, 173
Decimal	14607782
CIELab	89.07, -12.33, 30.02
CIELCh	89, 32.451, 112.331
Yxy	74.3214, 0.3490, 0.3988
Android (android.graphics.Color)	4292797862 (0xFFDEE5A6)
YUV	219.7250, -26.4864, 1.9952
Hunter-Lab	86.2099, -16.2281, 28.0268

# Details

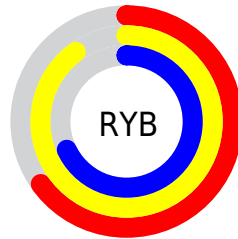
The Hex color **DEE5A6** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **ADA6E5**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFDD**, and **A6AE72** is the 20% darker color. If you saturate the color by 10%, you get **DBE58F**, and if you desaturate by 10%, it is **E1E5BD**.

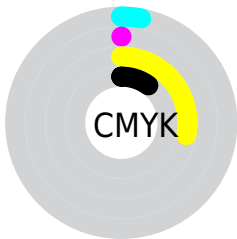
# Distribution



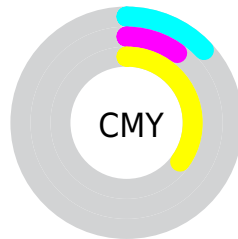
- Red (87%)
- Green (90%)
- Blue (65%)



- Red (65%)
- Yellow (90%)
- Blue (68%)



- Cyan (3%)
- Magenta (0%)
- Yellow (28%)
- Black (10%)



- Cyan (13%)
- Magenta (10%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEE5A6 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 DEE5A6 by changing the saturation by 10% instead.



 DEE5A6

 DEE5A6

FFFFFF

 C2C98B

 FFFFDD

 A6AE72

 FFFFFFFA


 8B9359

 717940

 586129

 404912

 293200

 111D00

 000000

 DEE5A6

 DEE5A6

 DBE58F

 E1E5BD

 D9E578

 E3E5D4

 D6E561

 E6E5EB

 D4E54A

 E8E5FF

 D1E534

 EBE5FF

 CFE51D

 EDE5FF

 CCE506

 F0E5FF

 CCE500

 F2E5FF

 F5E5FF

# Harmonies

## Analogous

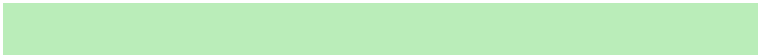
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FEDBA3



DEE5A6



BAEDB9

# Triad

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



DEE5A6



8BEDFF



FFCAE9

# Complementary

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



DEE5A6



ADA6E5

# Split Complementary

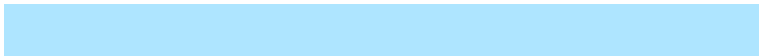
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD0FF



DEE5A6



AEE5FF

# Square

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



DEE5A6



84F1F6



DADBFF



FFCACA

# Rectangle

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



DEE5A6



A3F0CC



DADBFF



FFCBF3



# Sweetspot

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



DEE5A6



FDFFE8



E5ACA6



7E8073



000000



808080



# Same Dimension

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



DEE5A6



F6FFAB



BFE5A6



717367



9FB300



2D3300



# Inverse Universe

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



ADA6E5



B4ABFF



CCA6E5



696773



1400B3

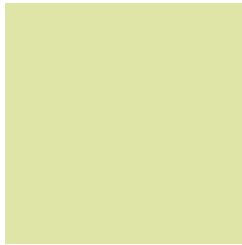


060033



# Previews

## White Background



This preview shows how the Hex color DEE5A6 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 DEE5A6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

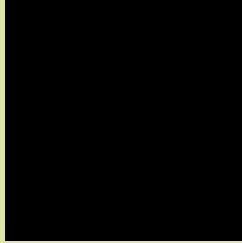
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

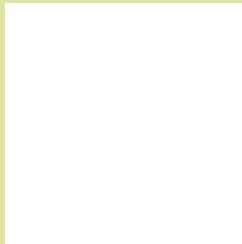
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DEE5A6 Background



This preview shows how black text looks on a background with the Hex color DEE5A6.

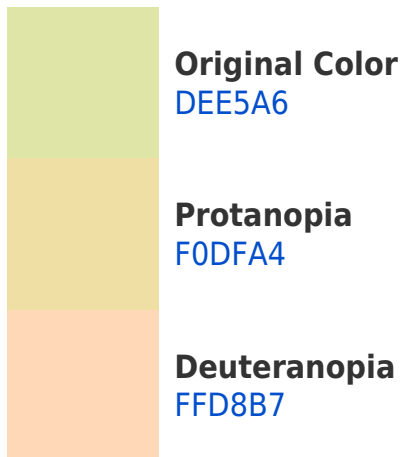


This preview shows how white text looks on a background with the Hex color DEE5A6.

# 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](#).

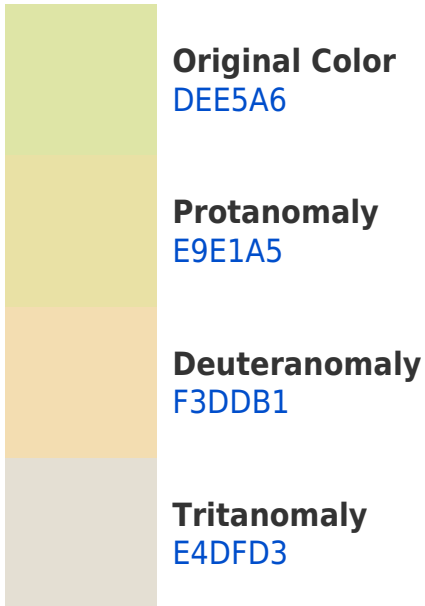
## Dichromacy





**Tritanopia**  
E7DCED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEE5A6 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 #DEE5A6 looks like.

```
.text, #text, p{  
    color:#DEE5A6  
}
```

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 #DEE5A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEE5A6
}
```

## Border

The CSS property to change the border of an element to Hex DEE5A6 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
#DEE5A6 }
```

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

```
.border{ border-color:#DEE5A6 }
```

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

Here you see how a box with a 4 pixel #DEE5A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEE5A6; -webkit-box-shadow:4px 4px  
4px 4px #DEE5A6; box-shadow:4px 4px 4px  
4px #DEE5A6 }
```

# Background

The CSS property to change the background color of an element to Hex DEE5A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEE5A6 }
```

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

```
.background{ background-color:#DEE5A6 }
```

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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