

Converting Colors

Hex(DEEE99)

Have a look what the booklet for
Hex(DEEE99) contains.

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Color

Hex(DEEE99)

Conversions

Conversions Part 1

Format	Color
Hex	DEEE99
RGB	222, 238, 153
RGB Percent	87%, 93%, 60%
CMY	0.1294, 0.0667, 0.4000
CMYK	0.07, 0.00, 0.36, 0.07
HSL	71°, 71%, 77%
HSV	71°, 36%, 93%
XYZ	66.4485, 78.9786, 41.8792
YIQ	223.5260, 17.7490, -29.8270

Conversions

Conversions Part 2

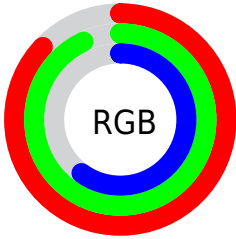
Format	Color
RYB	153, 238, 169
Decimal	14610073
CIELab	91.22, -18.41, 39.42
CIElCh	91, 43.509, 115.034
Yxy	78.9786, 0.3548, 0.4217
Android (android.graphics.Color)	4292800153 (0xFFDEEE99)
YUV	223.5260, -34.7693, -1.3383
Hunter-Lab	88.8699, -22.0569, 34.2690

Details

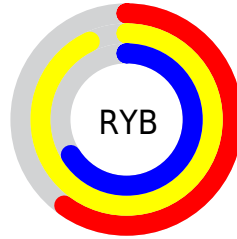
The Hex color **DEEE99** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **A999EE**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFD0**, and **A6B665** is the 20% darker color. If you saturate the color by 10%, you get **DAEE81**, and if you desaturate by 10%, it is **E2EEB1**.

Distribution



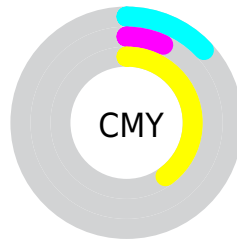
- Red (87%)
- Green (93%)
- Blue (60%)



- Red (60%)
- Yellow (93%)
- Blue (66%)



- Cyan (7%)
- Magenta (0%)
- Yellow (36%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEEE99 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 DEEE99 by changing the saturation by 10% instead.

 DEEE99

 DEEE99

FFFFFF

 C2D27E

 FFFFD0

 A6B665

 FFFFED

 8B9B4C

 708133

 57681A

 3E5000

 263900

 0C2300

 000800

 D4EE99

 D4EE99

 DAEE81

 E2EEB1

 D5EE69

 E7EEC9

 D1EE52

 EBEEEE

 CCEE3A

 F0EEF8

 C8EE22

 F4EEFF

 C3EE0A

 F9EEFF

 C1EE00

 FDDEFF

 FFEEFF

Harmonies

Analogous

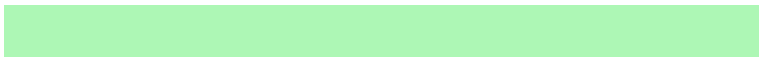
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE192



DEEE99



ADF7B5

Triad

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



DEEE99



60F7FF



FFC6EF

Complementary

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



D_{EEE}99



A999E_E

Split Complementary

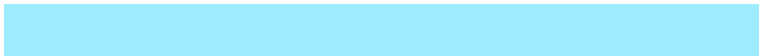
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCFFF



DEEE99



A0ECFF

Square

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



DEEE99



4FFCFF



E1DEFF



FFC8C5

Rectangle

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



DEEE99



8BFBCF



E1DEFF



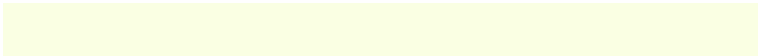
FFC8FD

Sweetspot

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



DEEE99



FAFFE3



EEA999



7C806F



000000



808080

Same Dimension

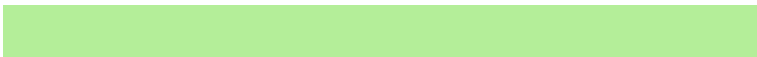
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DEEE99



EAFF91



B4EE99



76786C



95B800



2E3800

Inverse Universe

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



A999EE



A691FF



D399EE



6E6C78



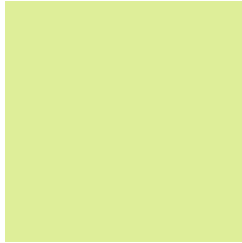
2300B8



0B0038

Previews

White Background



This preview shows how the Hex color #DEEE99 looks on a white background.

Color Contrast Check

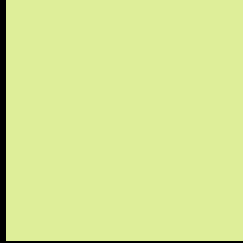
Large Text (above 18pt) WCAG AA × Fail

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 DEEE99 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 DEEE99 Background



This preview shows how black text looks on a background with the Hex color DEEE99.

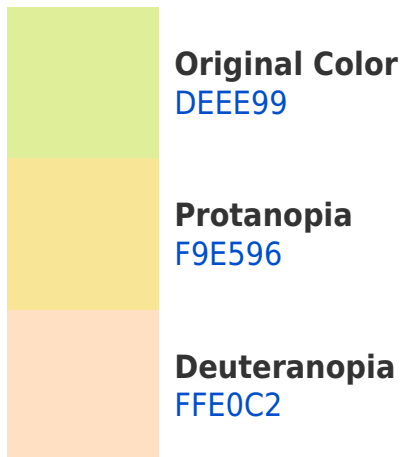


This preview shows how white text looks on a background with the Hex color DEEE99.

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](#).

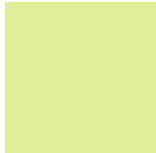
Dichromacy





Tritanopia
EAE3F5

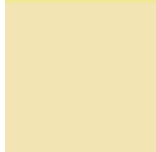
Trichromacy



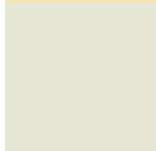
Original Color
D_{EE}E₉₉



Protanomaly
E_{FE}8₉₇

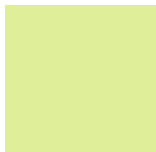


Deuteranomaly
F_{3E}5_{B3}

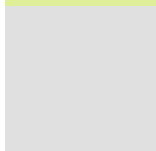


Tritanomaly
E_{6E}7_{D4}

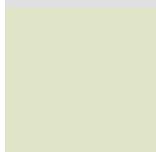
Monochromacy



Original Color
D_{EE}E₉₉



Achromatopsia
E_{0E}0_{E0}



Achromatomaly
D_{FE}5_{C6}

CSS Examples

Text

The CSS property to change the color of the text to Hex DEEE99 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 #DEEE99 looks like.

```
.text, #text, p{  
    color:#DEEE99  
}
```

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 #DEEE99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEEE99  
}
```

Border

The CSS property to change the border of an element to Hex DEEE99 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  
#DEEE99 }
```

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

```
.border{ border-color:#DEEE99 }
```

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

Here you see how a box with a 4 pixel #DEEE99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEEE99; -webkit-box-shadow:4px 4px  
4px 4px #DEEE99; box-shadow:4px 4px 4px  
4px #DEEE99 }
```

Background

The CSS property to change the background color of an element to Hex DEEE99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEEE99 }
```

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

```
.background{ background-color:#DEEE99 }
```

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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