

Converting Colors

Hex(DDEEA5)

Have a look what the booklet for
Hex(DEEAA5) contains.

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Color

Hex(DDEEA5)

Conversions

Conversions Part 1

Format	Color
Hex	DEEAA5
RGB	222, 234, 165
RGB Percent	87%, 92%, 65%
CMY	0.1294, 0.0824, 0.3529
CMYK	0.05, 0.00, 0.29, 0.08
HSL	70°, 62%, 78%
HSV	70°, 29%, 92%
XYZ	66.3386, 77.0918, 46.9811
YIQ	222.5460, 14.9970, -24.0030

Conversions

Conversions Part 2

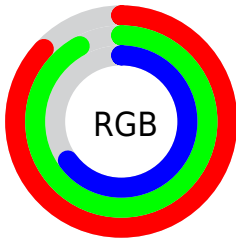
Format	Color
RYB	165, 234, 177
Decimal	14609061
CIELab	90.36, -14.95, 32.26
CIELCh	90, 35.550, 114.861
Yxy	77.0918, 0.3484, 0.4049
Android (android.graphics.Color)	4292799141 (0xFFDEEAA5)
YUV	222.5460, -28.3702, -0.4788
Hunter-Lab	87.8020, -18.7882, 29.7365

Details

The Hex color **DEEAA5** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B1A5EA**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFDC**, and **A6B270** is the 20% darker color. If you saturate the color by 10%, you get **DAEA8E**, and if you desaturate by 10%, it is **E2EABC**.

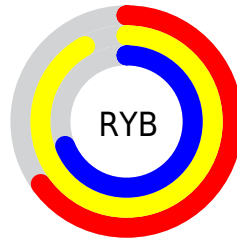
Distribution



Red (87%)

Green (92%)

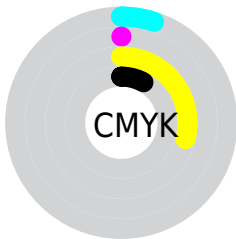
Blue (65%)



Red (65%)

Yellow (92%)

Blue (69%)

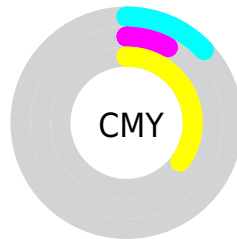


Cyan (5%)

Magenta (0%)

Yellow (29%)

Black (8%)



Cyan (13%)

Magenta (8%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEEAA5 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 DEEAA5 by changing the saturation by 10% instead.

 DEEAA5

 DEEAA5

FFFFFF


 C2CE8A

 FFFFDC

 A6B270

 FFFFF9

 8B9857

 717E3F

 586528

 3F4D10

 293600

 112100

 000200

 DEEA85

 DEEA85

 DAEA8E

 E2EABC

 D6EA76

 E6EAD4

 D2EA5F

 EAEAEB

 CEEA47

 EEEAFF

 CAEA30

 F2EAFF

 C6EA19

 F6EAFF

 C2EA01

 FAEAFF

 C1EA00

 FFEAFF

Harmonies

Analogous

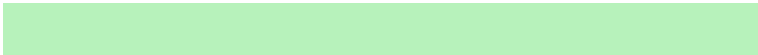
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDFA0



DEEAA5



B7F2BB

Triad

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



DEEAA5



85F1FF



FFCBEB

Complementary

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



DEEAA5



B1A5EA

Split Complementary

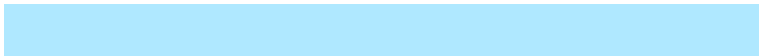
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD1FF



DEEAA5



AFE8FF

Square

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



DEEAA5



7AF6FF



E0DDFF



FFCC88

Rectangle

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



DEEAA5



9DF5D1



E0DDFF



FFCCF6

Sweetspot

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



DEEAA5



FBFFE8



EAB1A5



7D8071



000000



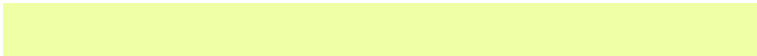
808080

Same Dimension

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



DEEAA5



EFFFA6



BCEAA5



73756A



96B500



2C3600

Inverse Universe

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



B1A5EA



B5A6FF



D3A5EA



6C6A75



1F00B5



090036

Previews

White Background



This preview shows how the Hex color DEEEA5 looks on a white background.

Color Contrast Check

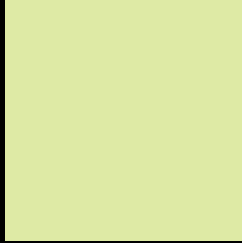
Large Text (above 18pt) WCAG AA × Fail

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 DEEEA5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

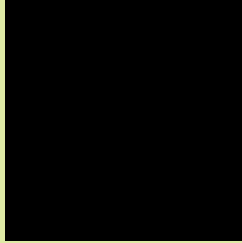
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

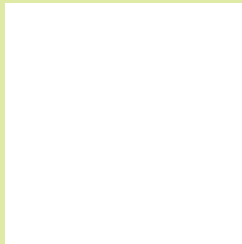
Any Text WCAG AAA ✓ Pass

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

Hex DEEAA5 Background



This preview shows how black text looks on a background with the Hex color DEEAA5.

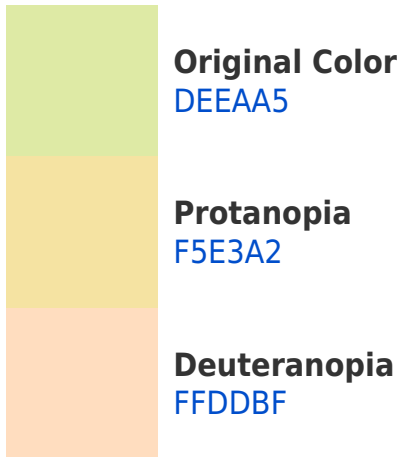


This preview shows how white text looks on a background with the Hex color DEEAA5.

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](#).

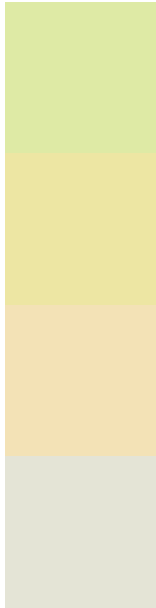
Dichromacy





Tritanopia
E8E0F2

Trichromacy



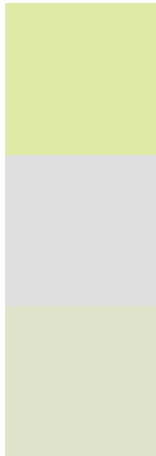
Original Color
DEEAA5

Protanomaly
EDE6A3

Deuteranomaly
F3E2B6

Tritanomaly
E4E4D6

Monochromacy



Original Color
DEEAA5

Achromatopsia
DFDFDF

Achromatomaly
DFE3CA

CSS Examples

Text

The CSS property to change the color of the text to Hex DEEAA5 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 #DEEAA5 looks like.

```
.text, #text, p{  
    color:#DEEAA5  
}
```

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 #DEEAA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEEAA5
}
```

Border

The CSS property to change the border of an element to Hex DEEAA5 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
#DEEAA5 }
```

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

```
.border{ border-color:#DEEAA5 }
```

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

Here you see how a box with a 4 pixel #DEEAA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEEAA5; -webkit-box-shadow:4px 4px  
4px 4px #DEEAA5; box-shadow:4px 4px 4px  
4px #DEEAA5 }
```

Background

The CSS property to change the background color of an element to Hex DEEAA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEEAA5 }
```

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

```
.background{ background-color:#DEEAA5 }
```

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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