

Converting Colors

Hex(DEC8A6)

Have a look what the booklet for
Hex(DEC8A6) contains.

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Color

Hex(DEC8A6)

Conversions

Conversions Part 1

Format	Color
Hex	DEC8A6
RGB	222, 200, 166
RGB Percent	87%, 78%, 65%
CMY	0.1294, 0.2157, 0.3490
CMYK	0.00, 0.10, 0.25, 0.13
HSL	36°, 46%, 76%
HSV	36°, 25%, 87%
XYZ	57.6614, 59.5913, 44.5396
YIQ	202.7020, 24.0260, -5.9100

Conversions

Conversions Part 2

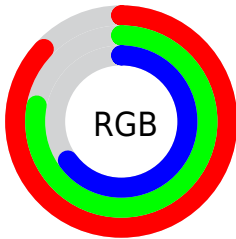
Format	Color
RYB	202, 222, 166
Decimal	14600358
CIELab	81.62, 2.51, 19.84
CIELCh	82, 19.996, 82.775
Yxy	59.5913, 0.3564, 0.3683
Android (android.graphics.Color)	4292790438 (0xFFDEC8A6)
YUV	202.7020, -18.0941, 16.9243
Hunter-Lab	77.1954, -1.7607, 19.8281

Details

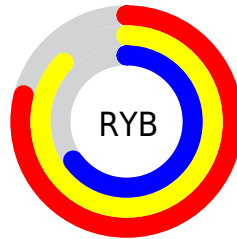
The Hex color **DEC8A6** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A6BCDE**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFDD**, and **A69272** is the 20% darker color. If you saturate the color by 10%, you get **DEBF90**, and if you desaturate by 10%, it is **DED1BC**.

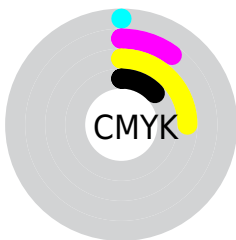
Distribution



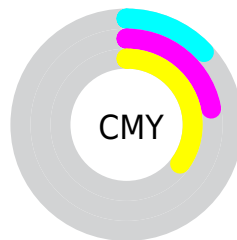
- Red (87%)
- Green (78%)
- Blue (65%)



- Red (79%)
- Yellow (87%)
- Blue (65%)



- Cyan (0%)
- Magenta (10%)
- Yellow (25%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEC8A6 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 DEC8A6 by changing the saturation by 10% instead.

 DEC8A6

 DEC8A6

FFFFFF

 C2AD8C

 FFFFDD

 A69272

 FFFFFA

 8B7859

 716042

 58482B

 403216

 2A1D00

 0F0400

 000000

 DEC8A6

 DEC8A6

 DEBF90

 DED1BC

 DEB77A

 DED9D2

 DEAE63

 DEE2E9

 DEA54D

 DEEBFF

 DE9C37

 DEF4FF

 DE9421

 DEFCFF

 DE8B0B

 DEFFFF

 DE8700

Harmonies

Analogous

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



ECC2AE



DEC8A6



CACEA8

Triad

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



DEC8A6



99D5D9



DFC2E2

Complementary

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



DEC8A6



A6BCDE

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.



C8C8ED



DEC8A6



9ED3E8

Square

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



DEC8A6



A2D5C5



B0CEF0



EEBED0

Rectangle

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



DEC8A6



BCD1AF



B0CEF0



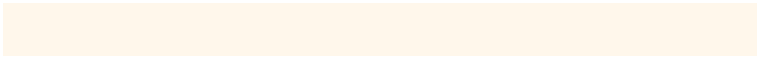
D8C3E6

Sweetspot

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



DEC8A6



FFF7EB



DEA6BC



807A73



000000



808080

Same Dimension

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



DEC8A6



FFE1B3



D8DEA6



706C65



B06B00



301D00

Inverse Universe

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



A6BCDE



B3D1FF



ACA6DE



656970



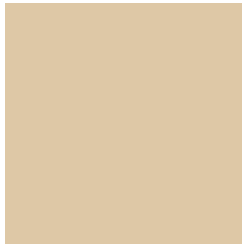
0045B0



001330

Previews

White Background



This preview shows how the Hex color DEC8A6 looks on a white background.

Color Contrast Check

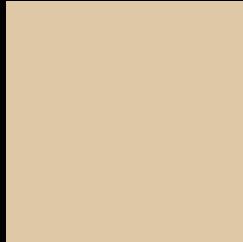
Large Text (above 18pt) WCAG AA × Fail

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 DEC8A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

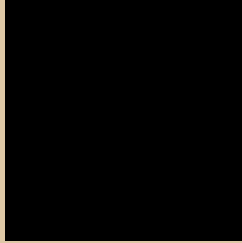
Any Text WCAG AA ✓ Pass

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 DEC8A6 Background



This preview shows how black text looks on a background with the Hex color DEC8A6.

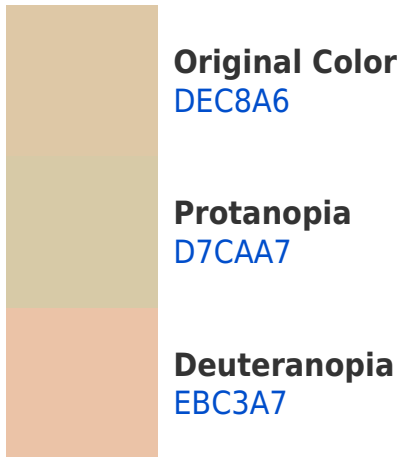


This preview shows how white text looks on a background with the Hex color DEC8A6.

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
E3C2D1

Trichromacy



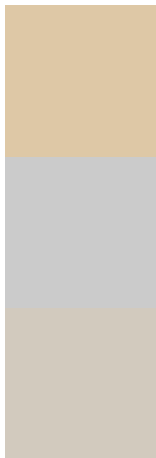
Original Color
DEC8A6

Protanomaly
DAC9A7

Deuteranomaly
E6C5A7

Tritanomaly
E1C4C1

Monochromacy



Original Color
DEC8A6

Achromatopsia
CBCBCB

Achromatomaly
D2CABE

CSS Examples

Text

The CSS property to change the color of the text to Hex DEC8A6 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 #DEC8A6 looks like.

```
.text, #text, p{  
    color:#DEC8A6  
}
```

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 #DEC8A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEC8A6
}
```

Border

The CSS property to change the border of an element to Hex DEC8A6 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
#DEC8A6 }
```

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

```
.border{ border-color:#DEC8A6 }
```

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

Here you see how a box with a 4 pixel #DEC8A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEC8A6; -webkit-box-shadow:4px 4px  
4px 4px #DEC8A6; box-shadow:4px 4px 4px  
4px #DEC8A6 }
```

Background

The CSS property to change the background color of an element to Hex DEC8A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEC8A6 }
```

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

```
.background{ background-color:#DEC8A6 }
```

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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