

Converting Colors

Hex(DEC887)

Have a look what the booklet for
Hex(DEC887) contains.

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Color

Hex(DEC887)

Conversions

Conversions Part 1

Format	Color
Hex	DEC887
RGB	222, 200, 135
RGB Percent	87%, 78%, 53%
CMY	0.1294, 0.2157, 0.4706
CMYK	0.00, 0.10, 0.39, 0.13
HSL	45°, 57%, 70%
HSV	45°, 39%, 87%
XYZ	55.1517, 58.5874, 31.3234
YIQ	199.1680, 33.9770, -15.5510

Conversions

Conversions Part 2

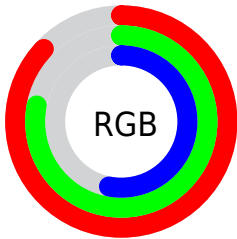
Format	Color
RYB	164, 222, 135
Decimal	14600327
CIELab	81.06, -1.34, 35.32
CIELCh	81, 35.350, 92.175
Yxy	58.5874, 0.3802, 0.4039
Android (android.graphics.Color)	4292790407 (0xFFDEC887)
YUV	199.1680, -31.6348, 20.0237
Hunter-Lab	76.5424, -5.3334, 29.3165

Details

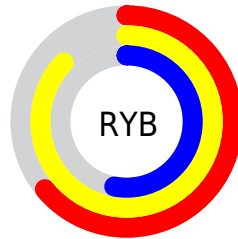
The Hex color **DEC887** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **879DDE**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFBD**, and **A59254** is the 20% darker color. If you saturate the color by 10%, you get **DEC271**, and if you desaturate by 10%, it is **DECE9D**.

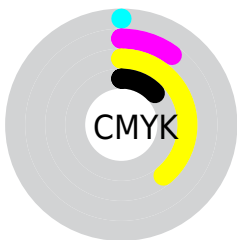
Distribution



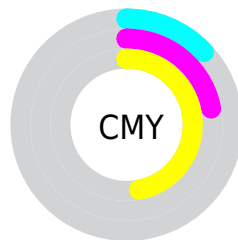
- Red (87%)
- Green (78%)
- Blue (53%)



- Red (64%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (10%)
- Yellow (39%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEC887 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 DEC887 by changing the saturation by 10% instead.

 DEC887

FFFFFF

 FFFFBD

 FFFFD9

 FFFFF6

 DEC887

 C1AD6D

 A59254

 8A793C


 706024

 56480C

 3E3200

 251D00

 020500

 000000

 DEC887

 DEC887

 DEC271

 DECE9D

 DEBD5B

 DED3B3

 DEB744

 DED9CA

 DEB22E

 DEDEE0

 DEAC18

 DEE4F6

 DEA602

 DEEAFF

 DEA600

 DEEFFF

 DEF5FF

 DEF8FF

Harmonies

Analogous

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



FABD90



DEC887



BBD290

Triad

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



DEC887



5CDAEB



F6B5E9

Complementary

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



DEC887



879DDE

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.



D1C0FF



DEC887



72D5FF

Square

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



DEC887



6FDBC8



A1CCFF



FFB0C8

Rectangle

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



DEC887



A1D7A0



A1CCFF



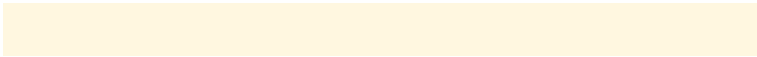
EBB8F2

Sweetspot

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



DEC887



FFF7E0



DE879E



807B6E



000000



808080

Same Dimension

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



DEC887



FFE187



CADE87



706D65



B08300



302400

Inverse Universe

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



879DDE



87A5FF



9B87DE



656870



002CB0



000C30

Previews

White Background



This preview shows how the Hex color DEC887 looks on a white background.

Color Contrast Check

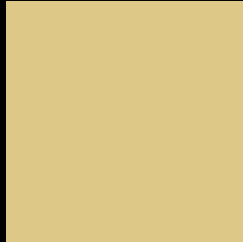
Large Text (above 18pt) WCAG AA × Fail

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 DEC887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

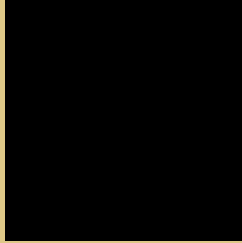
Any Text WCAG AA ✓ Pass

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 DEC887 Background



This preview shows how black text looks on a background with the Hex color DEC887.

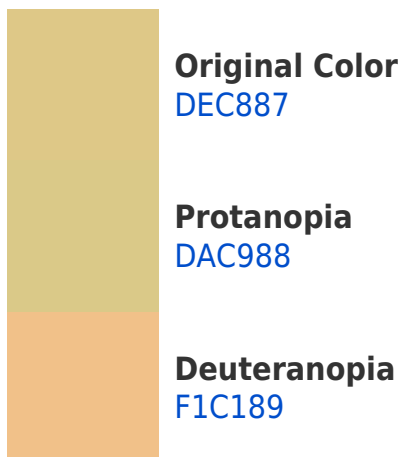


This preview shows how white text looks on a background with the Hex color DEC887.

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](#).

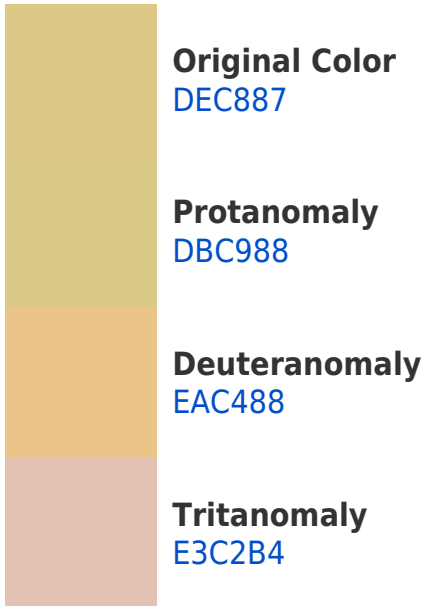
Dichromacy





Tritanopia
E6BFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEC887 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 #DEC887 looks like.

```
.text, #text, p{  
    color:#DEC887  
}
```

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 #DEC887 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEC887  
}
```

Border

The CSS property to change the border of an element to Hex DEC887 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  
#DEC887 }
```

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

```
.border{ border-color:#DEC887 }
```

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

Here you see how a box with a 4 pixel #DEC887 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEC887; -webkit-box-shadow:4px 4px  
4px 4px #DEC887; box-shadow:4px 4px 4px  
4px #DEC887 }
```

Background

The CSS property to change the background color of an element to Hex DEC887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEC887 }
```

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

```
.background{ background-color:#DEC887 }
```

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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