

Converting Colors

Hex(DCE887)

Have a look what the booklet for
Hex(DCE887) contains.

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Color

Hex(DCE887)

Conversions

Conversions Part 1

Format	Color
Hex	DCE887
RGB	220, 232, 135
RGB Percent	86%, 91%, 53%
CMY	0.1373, 0.0902, 0.4706
CMYK	0.05, 0.00, 0.42, 0.09
HSL	67°, 68%, 72%
HSV	67°, 42%, 91%
XYZ	62.7450, 74.6781, 34.0290
YIQ	217.3540, 23.9850, -32.7110

Conversions

Conversions Part 2

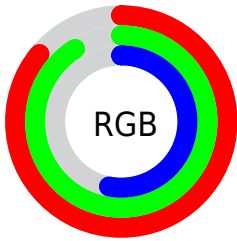
Format	Color
RYB	135, 232, 147
Decimal	14477447
CIELab	89.24, -18.27, 45.73
CIELCh	89, 49.241, 111.777
Yxy	74.6781, 0.3660, 0.4356
Android (android.graphics.Color)	4292667527 (0xFFDCE887)
YUV	217.3540, -40.6005, 2.3205
Hunter-Lab	86.4165, -21.6243, 37.1444

Details

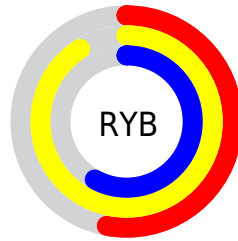
The Hex color **DCE887** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9387E8**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFBE**, and **A3B053** is the 20% darker color. If you saturate the color by 10%, you get **D9E870**, and if you desaturate by 10%, it is **DFE89E**.

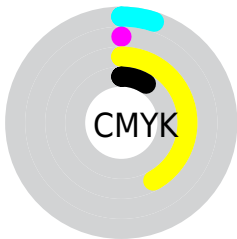
Distribution



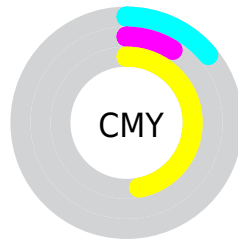
- Red (86%)
- Green (91%)
- Blue (53%)



- Red (53%)
- Yellow (91%)
- Blue (58%)



- Cyan (5%)
- Magenta (0%)
- Yellow (42%)
- Black (9%)



- Cyan (14%)
- Magenta (9%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCE887 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 DCE887 by changing the saturation by 10% instead.

 DCE887

FFFFFF

 FFFFBE

 FFFFDA

 FFFFF7

 DCE887

 BFCC6D

 A3B053

 88963A

 6D7C20

 536300

 3B4B00

 223500

 042000

 000000

 DCE887

 DCE887

 D9E870

 DFE89E

 D6E859

 E2E8B5

 D3E841

 E5E8CD

 D1E82A

 E7E8E4

 CEE813

 EAE8FB

 CBE800

 EDE8FF

 F0E8FF

 F3E8FF

 F6E8FF

Harmonies

Analogous

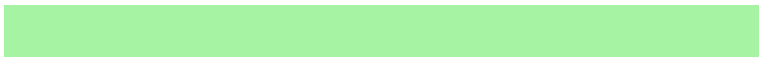
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD983



DCE887



A6F3A4

Triad

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



DCE887



00F4FF



FFBCEF

Complementary

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



DCE887



9387E8

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.



FFC8FF



DCE887



81E9FF

Square

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



DCE887



00F9FF



D2D9FF



FFBDC0

Rectangle

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



DCE887



7CF7C1



D2D9FF



FFBFFF

Sweetspot

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



DCE887



FBFFDE



E89287



7D806B



000000



808080

Same Dimension

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



DCE887



FFFF80



ACE887



717367



9CB300



2D3300

Inverse Universe

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



9387E8



8F80FF



C387E8



696773



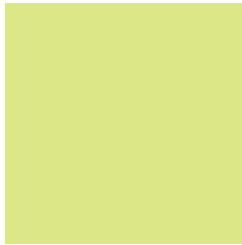
1600B3



060033

Previews

White Background



This preview shows how the Hex color DCE887 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 DCE887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

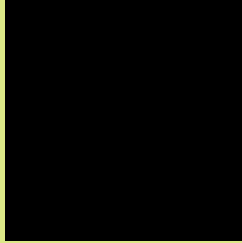
Any Text WCAG AA ✓ Pass

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 DCE887 Background



This preview shows how black text looks on a background with the Hex color DCE887.

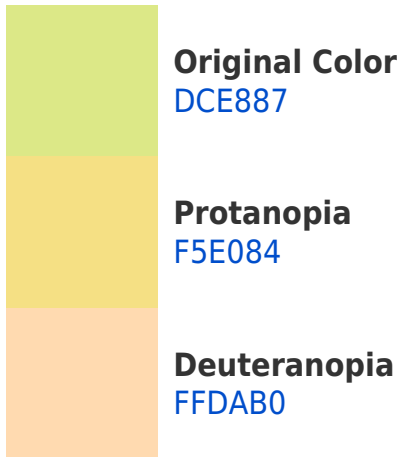


This preview shows how white text looks on a background with the Hex color DCE887.

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](#).

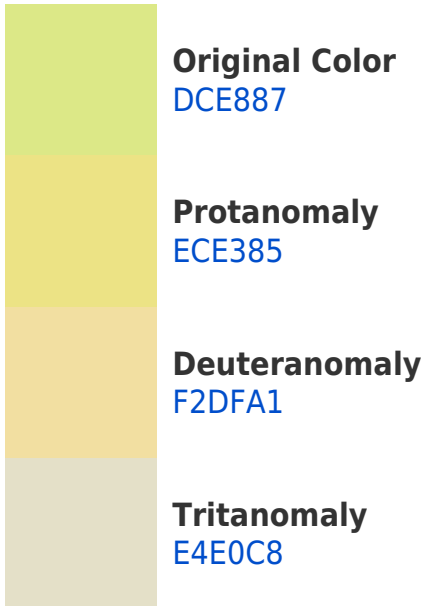
Dichromacy





Tritanopia
E8DCED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCE887 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 #DCE887 looks like.

```
.text, #text, p{  
    color:#DCE887  
}
```

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 #DCE887 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCE887  
}
```

Border

The CSS property to change the border of an element to Hex DCE887 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  
#DCE887 }
```

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

```
.border{ border-color:#DCE887 }
```

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

Here you see how a box with a 4 pixel #DCE887 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCE887; -webkit-box-shadow:4px 4px  
4px 4px #DCE887; box-shadow:4px 4px 4px  
4px #DCE887 }
```

Background

The CSS property to change the background color of an element to Hex DCE887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCE887 }
```

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

```
.background{ background-color:#DCE887 }
```

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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