

Converting Colors

Hex(DCEDA7)

Have a look what the booklet for
Hex(DCEDA7) contains.

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Color

Hex(DCEDA7)

Conversions

Conversions Part 1

Format	Color
Hex	DCEDA7
RGB	220, 237, 167
RGB Percent	86%, 93%, 65%
CMY	0.1373, 0.0706, 0.3451
CMYK	0.07, 0.00, 0.30, 0.07
HSL	75°, 66%, 79%
HSV	75°, 30%, 93%
XYZ	66.7744, 78.5740, 48.2061
YIQ	223.9370, 12.3380, -25.3740

Conversions

Conversions Part 2

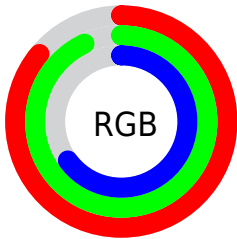
Format	Color
RYB	167, 237, 184
Decimal	14478759
CIELab	91.04, -16.90, 32.12
CIELCh	91, 36.294, 117.745
Yxy	78.5740, 0.3450, 0.4060
Android (android.graphics.Color)	4292668839 (0xFFDCEDA7)
YUV	223.9370, -28.0699, -3.4527
Hunter-Lab	88.6420, -20.6586, 29.8057

Details

The Hex color **DCEDA7** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **B8A7ED**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFDF**, and **A4B572** is the 20% darker color. If you saturate the color by 10%, you get **D6ED8F**, and if you desaturate by 10%, it is **E2EDBF**.

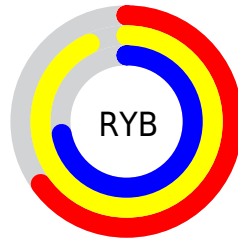
Distribution



Red (86%)

Green (93%)

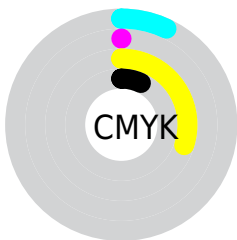
Blue (65%)



Red (65%)

Yellow (93%)

Blue (72%)

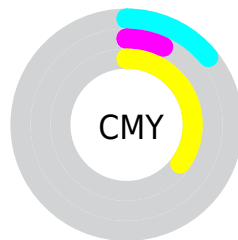


Cyan (7%)

Magenta (0%)

Yellow (30%)

Black (7%)



Cyan (14%)

Magenta (7%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCEDA7 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 DCEDA7 by changing the saturation by 10% instead.

 DCEDA7

FFFFFF

 FFFFDF

 FFFFFB

 DCEDA7

 C0D18C

 A4B572

 899A59

 6F8041

 566729

 3E4F12

 273800

 0F2300

 000700

 DCEDA7

 DCEDA7

 D6ED8F

 E2EDBF

 D0ED78

 E8EDD6

 CBED60

 EDEDEE

 C5ED48

 F3EDFF

 BFED31

 F9EDFF

 B9ED19

 FFEDFF

 B4ED01

 B3ED00

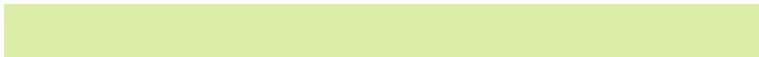
Harmonies

Analogous

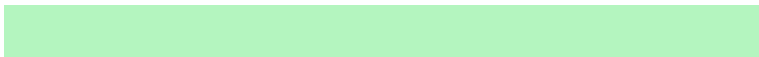
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE2A0



DCEDA7



B4F5BF

Triad

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



DCEDA7



87F3FF



FFCCE9

Complementary

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



DCEDA7



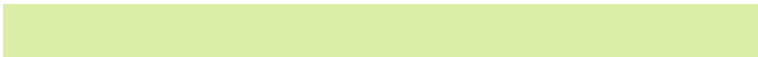
B8A7ED

Split Complementary

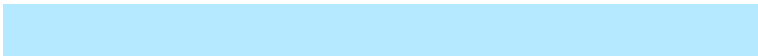
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD2FF



DCEDA7



B4E9FF

Square

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



DCEDA7



78F8FF



E7DDFF



FFCEC7

Rectangle

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



DCEDA7



99F8D5



E7DDFF



FFCDF5

Sweetspot

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



DCEDA7



F9FFE8



EDB7A7



7C8071



000000



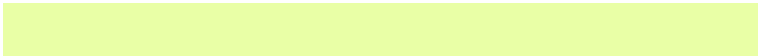
808080

Same Dimension

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



DCEDA7



E9FFA6



BAEDA7



72756A



89B500



293600

Inverse Universe

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



B8A7ED



BBA6FF



DAA7ED



6C6A75



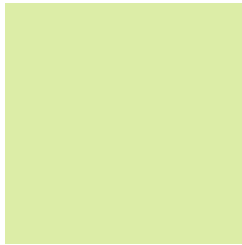
2C00B5



0D0036

Previews

White Background



This preview shows how the Hex color DCEDA7 looks on a white background.

Color Contrast Check

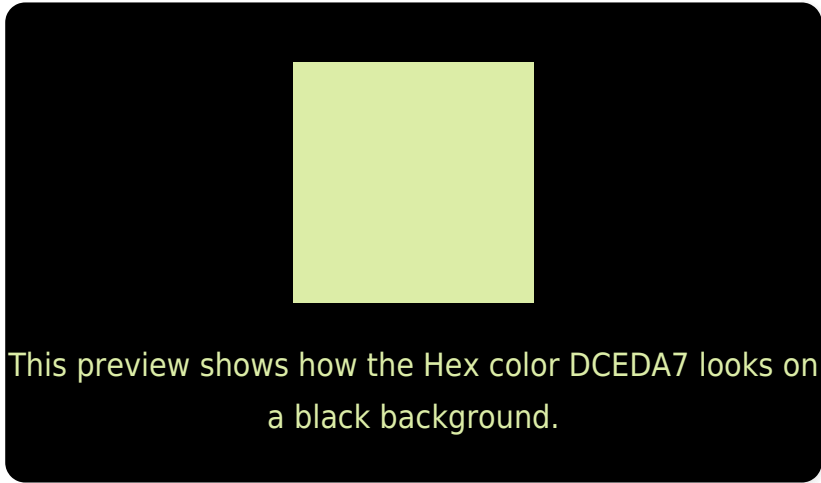
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

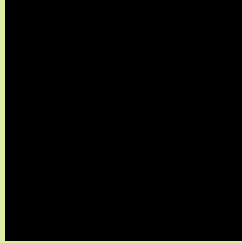
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

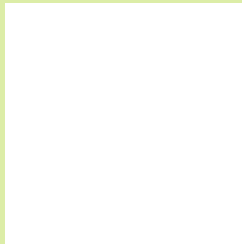
Any Text WCAG AAA ✓ Pass

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

Hex DCEDA7 Background



This preview shows how black text looks on a background with the Hex color DCEDA7.

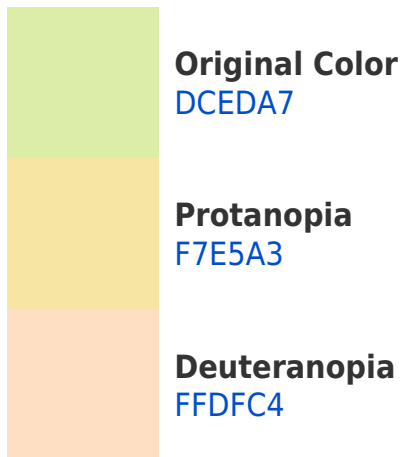


This preview shows how white text looks on a background with the Hex color DCEDA7.

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](#).

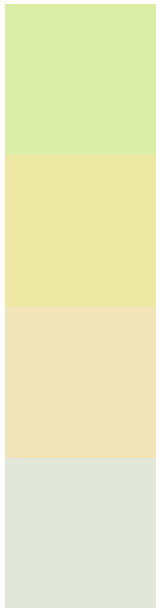
Dichromacy





Tritanopia
E6E3F5

Trichromacy



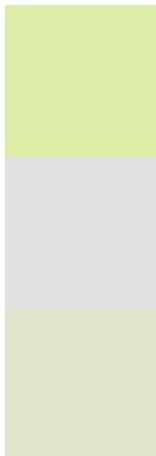
Original Color
DCEDA7

Protanomaly
EDE8A4

Deuteranomaly
F2E4B9

Tritanomaly
E2E7D9

Monochromacy



Original Color
DCEDA7

Achromatopsia
E0E0E0

Achromatomaly
DFE5CB

CSS Examples

Text

The CSS property to change the color of the text to Hex DCEDA7 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 #DCEDA7 looks like.

```
.text, #text, p{  
    color:#DCEDA7  
}
```

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 #DCEDA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCEDA7
}
```

Border

The CSS property to change the border of an element to Hex DCEDA7 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
#DCEDA7 }
```

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

```
.border{ border-color:#DCEDA7 }
```

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

Here you see how a box with a 4 pixel #DCEDA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCEDA7; -webkit-box-shadow:4px 4px  
4px 4px #DCEDA7; box-shadow:4px 4px 4px  
4px #DCEDA7 }
```

Background

The CSS property to change the background color of an element to Hex DCEDA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCEDA7 }
```

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

```
.background{ background-color:#DCEDA7 }
```

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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