

Converting Colors

Hex(DCE7A2)

Have a look what the booklet for
Hex(DCE7A2) contains.

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Color

Hex(DCE7A2)

Conversions

Conversions Part 1

Format	Color
Hex	DCE7A2
RGB	220, 231, 162
RGB Percent	86%, 91%, 64%
CMY	0.1373, 0.0941, 0.3647
CMYK	0.05, 0.00, 0.30, 0.09
HSL	70°, 59%, 77%
HSV	70°, 30%, 91%
XYZ	64.6127, 74.9761, 45.2488
YIQ	219.8450, 15.5930, -23.7910

Conversions

Conversions Part 2

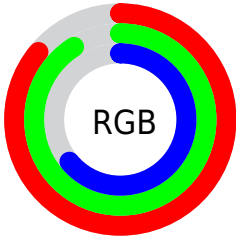
Format	Color
RYB	162, 231, 173
Decimal	14477218
CIELab	89.38, -14.59, 32.44
CIELCh	89, 35.574, 114.218
Yxy	74.9761, 0.3496, 0.4056
Android (android.graphics.Color)	4292667298 (0xFFDCE7A2)
YUV	219.8450, -28.5176, 0.1359
Hunter-Lab	86.5887, -18.3332, 29.6289

Details

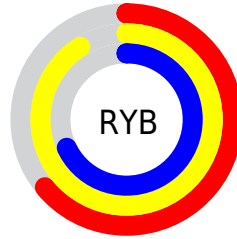
The Hex color **DCE7A2** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **ADA2E7**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFD9**, and **A4AF6E** is the 20% darker color. If you saturate the color by 10%, you get **D8E78B**, and if you desaturate by 10%, it is **E0E7B9**.

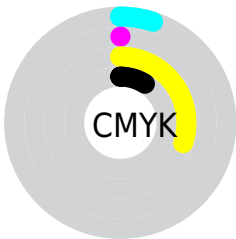
Distribution



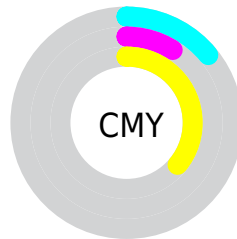
- Red (86%)
- Green (91%)
- Blue (64%)



- Red (64%)
- Yellow (91%)
- Blue (68%)



- Cyan (5%)
- Magenta (0%)
- Yellow (30%)
- Black (9%)



- Cyan (14%)
- Magenta (9%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCE7A2 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 DCE7A2 by changing the saturation by 10% instead.

 DCE7A2

FFFFFF

 FFFFD9

 FFFFF6

 DCE7A2

 C0CB87

 A4AF6E

 899555

 6F7B3D

 566225

 3E4A0D

 273400

 0E1F00

 000000

 DCE7A2

 DCE7A2

 D8E78B

 E0E7B9

 D5E774

 E3E7D0

 D1E75D

 E7E7E7

 CDE746

 EBE7FE

 CAE72F

 EEE7FF

 C6E717

 F2E7FF

 C2E700

 F6E7FF

 F9E7FF

 FDE7FF

Harmonies

Analogous

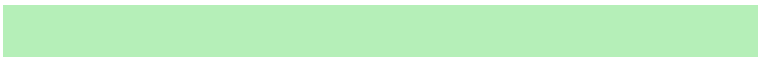
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDC9D



DCE7A2



B5EFB8

Triad

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



DCE7A2



81EFFF



FFC8E9

Complementary

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



DCE7A2



ADA2E7

Split Complementary

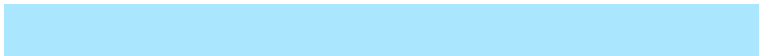
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCFFF



DCE7A2



ABE6FF

Square

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



DCE7A2



77F3FB



DDDAFF



FFC9C6

Rectangle

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



DCE7A2



9BF2CD



DDDAFF



FFCAF4

Sweetspot

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



DCE7A2



FBFFE8



E7ACA2



7D8071



000000



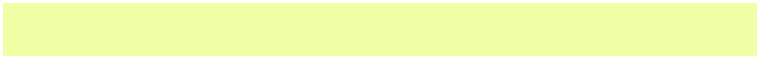
808080

Same Dimension

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



DCE7A2



F0FFA3



BAE7A2



717367



96B300



2B3300

Inverse Universe

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



ADA2E7



B2A3FF



CFA2E7



696773



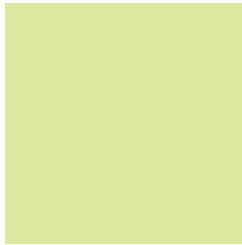
1C00B3



080033

Previews

White Background



This preview shows how the Hex color DCE7A2 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 DCE7A2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

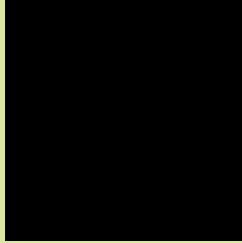
Any Text WCAG AA ✓ Pass

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 DCE7A2 Background



This preview shows how black text looks on a background with the Hex color DCE7A2.

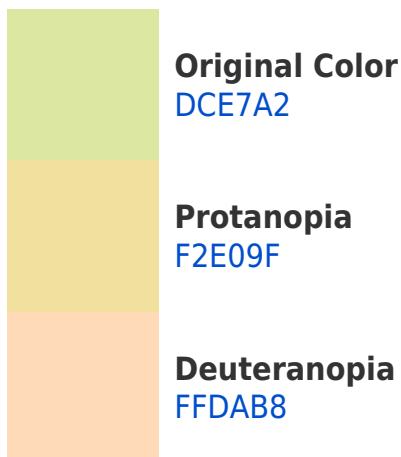


This preview shows how white text looks on a background with the Hex color DCE7A2.

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](#).

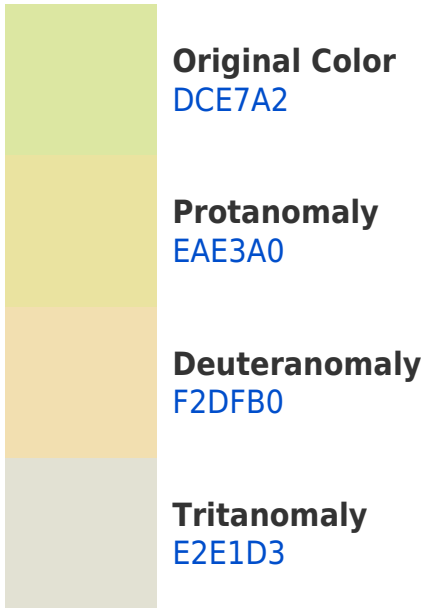
Dichromacy



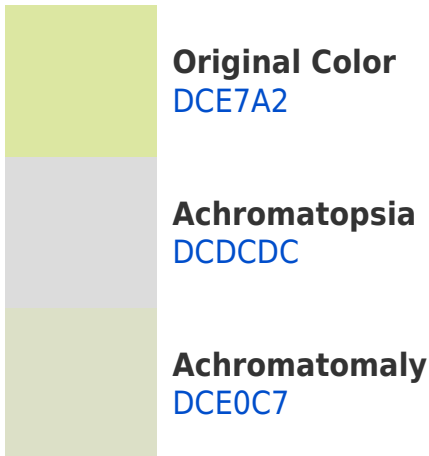


Tritanopia
E6DDEF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCE7A2 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 #DCE7A2 looks like.

```
.text, #text, p{  
    color:#DCE7A2  
}
```

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 #DCE7A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCE7A2
}
```

Border

The CSS property to change the border of an element to Hex DCE7A2 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
#DCE7A2 }
```

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

```
.border{ border-color:#DCE7A2 }
```

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

Here you see how a box with a 4 pixel #DCE7A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCE7A2; -webkit-box-shadow:4px 4px  
4px 4px #DCE7A2; box-shadow:4px 4px 4px  
4px #DCE7A2 }
```

Background

The CSS property to change the background color of an element to Hex DCE7A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCE7A2 }
```

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

```
.background{ background-color:#DCE7A2 }
```

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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