

Converting Colors

Hex(D0EA9B)

Have a look what the booklet for
Hex(D0EA9B) contains.

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Color

Hex(D0EA9B)

Conversions

Conversions Part 1

Format	Color
Hex	D0EA9B
RGB	208, 234, 155
RGB Percent	82%, 92%, 61%
CMY	0.1843, 0.0824, 0.3922
CMYK	0.11, 0.00, 0.34, 0.08
HSL	80°, 65%, 76%
HSV	80°, 34%, 92%
XYZ	61.3516, 74.6221, 42.1803
YIQ	217.2200, 9.8630, -30.0810

Conversions

Conversions Part 2

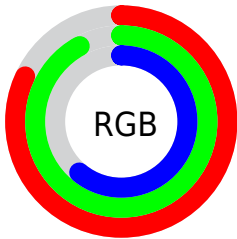
Format	Color
RYB	155, 234, 181
Decimal	13691547
CIELab	89.22, -21.40, 35.61
CIELCh	89, 41.546, 121.005
Yxy	74.6221, 0.3444, 0.4189
Android (android.graphics.Color)	4291881627 (0xFFD0EA9B)
YUV	217.2200, -30.6745, -8.0859
Hunter-Lab	86.3841, -24.3980, 31.5183

Details

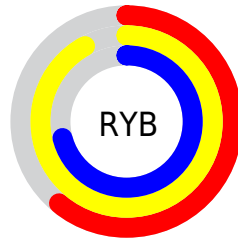
The Hex color **D0EA9B** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B59BEA**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFD2**, and **99B267** is the 20% darker color. If you saturate the color by 10%, you get **C8EA84**, and if you desaturate by 10%, it is **D8EAB2**.

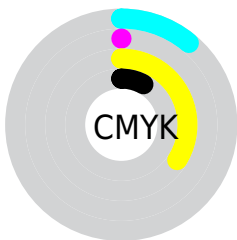
Distribution



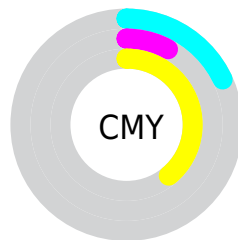
- Red (82%)
- Green (92%)
- Blue (61%)



- Red (61%)
- Yellow (92%)
- Blue (71%)



- Cyan (11%)
- Magenta (0%)
- Yellow (34%)
- Black (8%)



- Cyan (18%)
- Magenta (8%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0EA9B 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 D0EA9B by changing the saturation by 10% instead.

 D0EA9B

FFFFFF

 FFFFD2

 FFFFEF

 D0EA9B

 B4CE81

 99B267

 7E974E

 647D36

 4B641E

 324C03

 1C3500

 002100

 000000

 D0EA9B

 D0EA9B

 C8EA84

 D8EAB2

 C1EA6C

 DFEACA

 B9EA55

 E7EAE1

 B1EA3D

 EFEAF9

 A9EA26

 F7EAFF

 A2EA0F

 FEEAFF

 9DEA00

 FFEAFF

Harmonies

Analogous

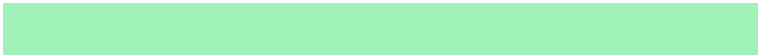
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FADE90



D0EA9B



A1F2B8

Triad

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



D0EA9B



6FEEFF



FFC2E0

Complementary

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



D0EA9B



B59BEA

Split Complementary

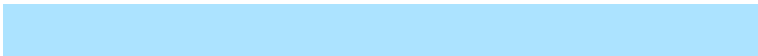
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC8FF



D0EA9B



ACE3FF

Square

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



D0EA9B



52F5FF



E7D5FF



FFC5B9

Rectangle

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



D0EA9B



81F5D2



E7D5FF



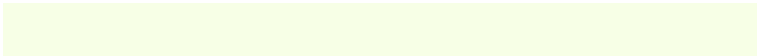
FFC3EE

Sweetspot

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



D0EA9B



F7FFE6



EAB49B



7A8070



000000



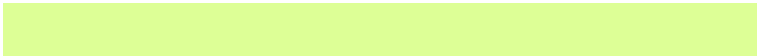
808080

Same Dimension

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



D0EA9B



D0FF96



A9EA9B



71756A



79B500



243600

Inverse Universe

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



B59BEA



B996FF



DC9BEA



6D6A75



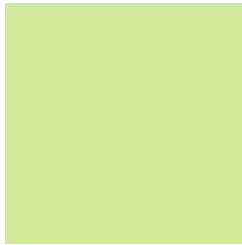
3C00B5



120036

Previews

White Background



This preview shows how the Hex color D0EA9B 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 D0EA9B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

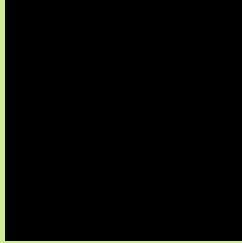
Any Text WCAG AA ✓ Pass

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 D0EA9B Background



This preview shows how black text looks on a background with the Hex color D0EA9B.

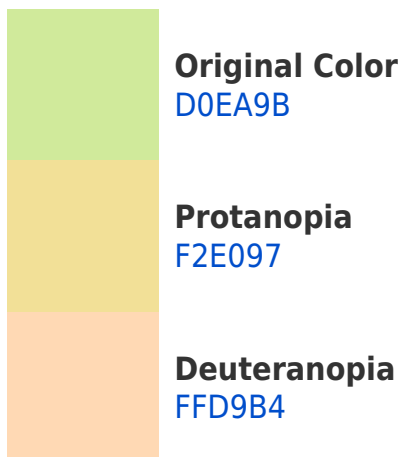


This preview shows how white text looks on a background with the Hex color D0EA9B.

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](#).

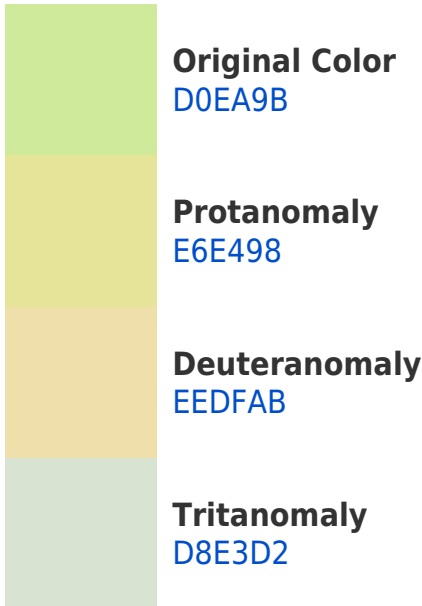
Dichromacy



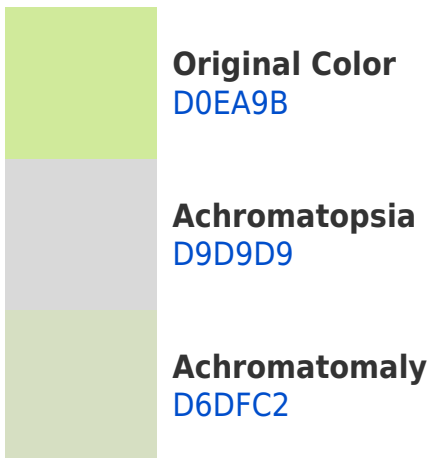


Tritanopia
DCDFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D0EA9B 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 #D0EA9B looks like.

```
.text, #text, p{  
    color:#D0EA9B  
}
```

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 #D0EA9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0EA9B
}
```

Border

The CSS property to change the border of an element to Hex D0EA9B 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
#D0EA9B }
```

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

```
.border{ border-color:#D0EA9B }
```

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

Here you see how a box with a 4 pixel #D0EA9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0EA9B; -webkit-box-shadow:4px 4px  
4px 4px #D0EA9B; box-shadow:4px 4px 4px  
4px #D0EA9B }
```

Background

The CSS property to change the background color of an element to Hex D0EA9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0EA9B }
```

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

```
.background{ background-color:#D0EA9B }
```

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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