

# Converting Colors

Hex(D6E4A8)

Have a look what the booklet for  
Hex(D6E4A8) contains.

<b>Hex(D6E4A8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D6E4A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6E4A8
RGB	214, 228, 168
RGB Percent	84%, 89%, 66%
CMY	0.1608, 0.1059, 0.3412
CMYK	0.06, 0.00, 0.26, 0.11
HSL	74°, 53%, 78%
HSV	74°, 26%, 89%
XYZ	62.5428, 72.6101, 47.7646
YIQ	216.9740, 10.9160, -21.6280

# Conversions

## Conversions Part 2

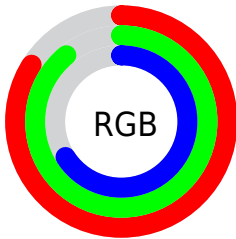
Format	Color
<a href="#">RYB</a>	<a href="#">168, 228, 182</a>
Decimal	<a href="#">14083240</a>
CIELab	<a href="#">88.26, -14.51, 27.80</a>
CIELCh	<a href="#">88, 31.354, 117.564</a>
Yxy	<a href="#">72.6101, 0.3419, 0.3970</a>
Android (android.graphics.Color)	<a href="#">4292273320 (0xFFD6E4A8)</a>
YUV	<a href="#">216.9740, -24.1442, -2.6082</a>
Hunter-Lab	<a href="#">85.2116, -18.1063, 26.4136</a>

# Details

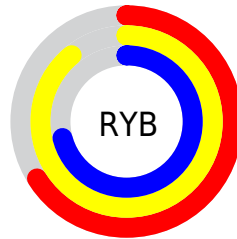
The Hex color **D6E4A8** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B6A8E4**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFDF**, and **9FAD74** is the 20% darker color. If you saturate the color by 10%, you get **D1E491**, and if you desaturate by 10%, it is **DBE4BF**.

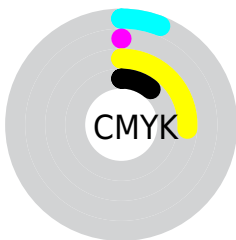
# Distribution



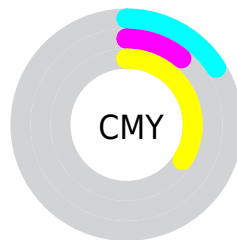
- Red (84%)
- Green (89%)
- Blue (66%)



- Red (66%)
- Yellow (89%)
- Blue (71%)



- Cyan (6%)
- Magenta (0%)
- Yellow (26%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6E4A8 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 D6E4A8 by changing the saturation by 10% instead.



 D6E4A8

FFFFFF

 FFFFDF

 FFFFFC

 D6E4A8

 BAC88D

 9FAD74

 84925B

 6A7842

 52602B

 3A4815

 243100

 091D00

 000000

 D6E4A8

 D6E4A8

 D1E491

 DBE4BF

 CBE47A

 E1E4D6

 C6E464

 E6E4EC

 C1E44D

 EBE4FF

 BBE436

 F1E4FF

 B6E41F

 F6E4FF

 B1E408

 FBE4FF

 AFE400

 FFE4FF

# Harmonies

## Analogous

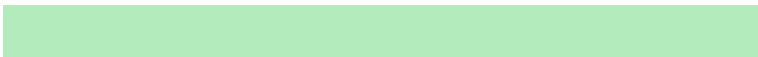
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F6DBA2



D6E4A8



B4EBBD

# Triad

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



D6E4A8



91E9FF



FFC8E1

# Complementary

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



D6E4A8



B6A8E4

# Split Complementary

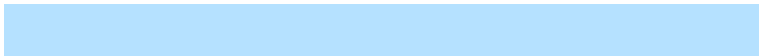
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCDFE



D6E4A8



B5E1FF

# Square

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



D6E4A8



85EEF8



DFD7FF



FFC9C3

# Rectangle

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



D6E4A8



9EEDD0



DFD7FF



FFC9EB



# Sweetspot

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



D6E4A8



FAFFEB



E4B6A8



7D8073



000000



808080

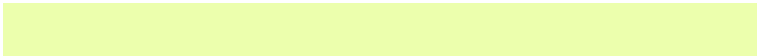


# Same Dimension

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



D6E4A8



ECFFAD



B8E4A8



707367



89B300



273300



# Inverse Universe

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



B6A8E4



C0ADFF



D4A8E4



6A6773



2A00B3

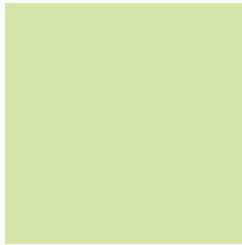


0C0033



# Previews

## White Background



This preview shows how the Hex color D6E4A8 looks on a white background.

## Color Contrast Check

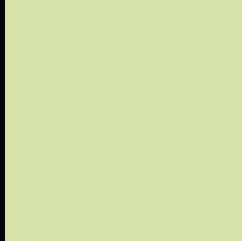
Large Text (above 18pt) WCAG AA × Fail

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 D6E4A8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

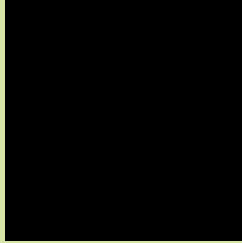
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

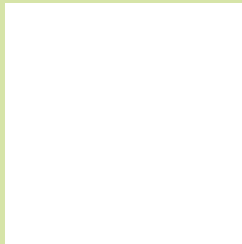
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D6E4A8 Background



This preview shows how black text looks on a background with the Hex color D6E4A8.

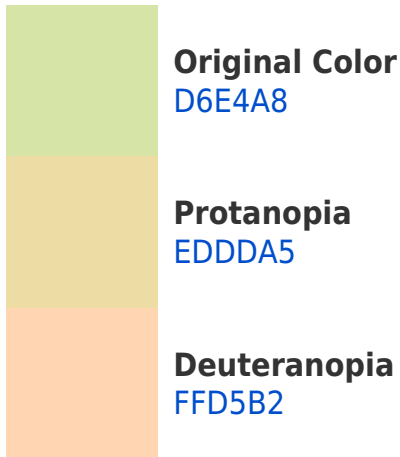


This preview shows how white text looks on a background with the Hex color D6E4A8.

# Color Blindness Simulation

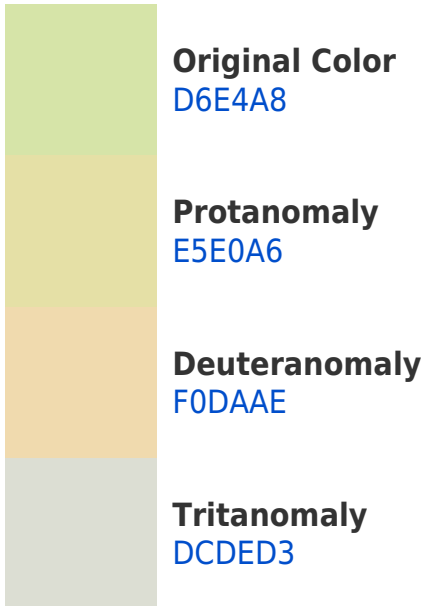
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

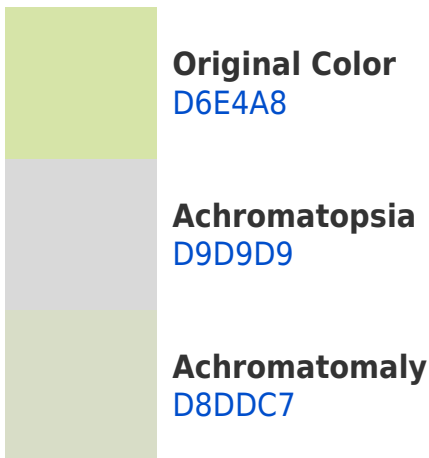




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6E4A8 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 #D6E4A8 looks like.

```
.text, #text, p{  
    color:#D6E4A8  
}
```

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 #D6E4A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6E4A8
}
```

## Border

The CSS property to change the border of an element to Hex D6E4A8 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
#D6E4A8 }
```

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

```
.border{ border-color:#D6E4A8 }
```

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

Here you see how a box with a 4 pixel #D6E4A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6E4A8; -webkit-box-shadow:4px 4px  
4px 4px #D6E4A8; box-shadow:4px 4px 4px  
4px #D6E4A8 }
```

# Background

The CSS property to change the background color of an element to Hex D6E4A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6E4A8 }
```

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

```
.background{ background-color:#D6E4A8 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor