

# Converting Colors

Hex(D6E8A8)

Have a look what the booklet for  
Hex(D6E8A8) contains.

<b>Hex(D6E8A8)</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(D6E8A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6E8A8
RGB	214, 232, 168
RGB Percent	84%, 91%, 66%
CMY	0.1608, 0.0902, 0.3412
CMYK	0.08, 0.00, 0.28, 0.09
HSL	77°, 58%, 78%
HSV	77°, 28%, 91%
XYZ	63.6561, 74.8365, 48.1357
YIQ	219.3220, 9.8160, -23.7200

# Conversions

## Conversions Part 2

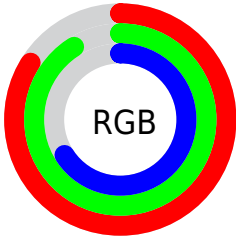
<b>Format</b>	<b>Color</b>
<b>RYB</b>	168, 232, 186
Decimal	14084264
CIELab	89.32, -16.49, 29.22
CIELCh	89, 33.554, 119.438
Yxy	74.8365, 0.3411, 0.4010
Android (android.graphics.Color)	4292274344 (0xFFD6E8A8)
YUV	219.3220, -25.3017, -4.6674
Hunter-Lab	86.5081, -20.0419, 27.5650

# Details

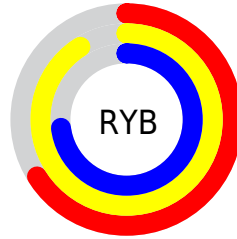
The Hex color **D6E8A8** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **BAA8E8**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFE0**, and **9FB073** is the 20% darker color. If you saturate the color by 10%, you get **CFE891**, and if you desaturate by 10%, it is **DDE8BF**.

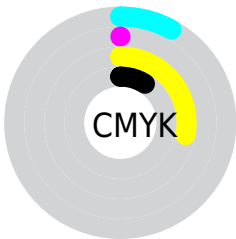
# Distribution



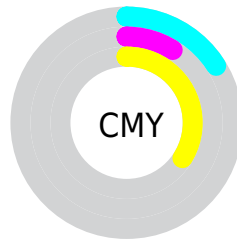
- Red (84%)
- Green (91%)
- Blue (66%)



- Red (66%)
- Yellow (91%)
- Blue (73%)



- Cyan (8%)
- Magenta (0%)
- Yellow (28%)
- Black (9%)



- Cyan (16%)
- Magenta (9%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6E8A8 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 D6E8A8 by changing the saturation by 10% instead.



 D6E8A8

FFFFFF

 FFFFEE

 FFFFEC

 D6E8A8

 BACC8D

 9FB073

 84965A

 6A7C42

 51632B

 394B14

 233400

 091F00

 000000

 D6E8A8

 D6E8A8

 CFE891

 DDE8BF

 C9E87A

 E3E8D6

 C2E862

 EAE8EE

 BCE84B

 F0E8FF

 B5E834

 F7E8FF

 AFE81D

 FDE8FF

 A8E806

 FFE8FF

 A7E800

# Harmonies

## Analogous

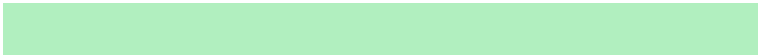
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F8DEA0



D6E8A8



B1EFBF

# Triad

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



D6E8A8



8EECFE



FFC9E2

# Complementary

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



D6E8A8



BAA8E8

# Split Complementary

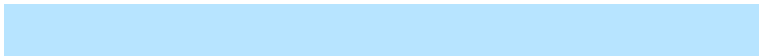
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCEFF



D6E8A8



B7E4FF

# Square

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



D6E8A8



7EF1FF



E4D8FF



FFCBC2

# Rectangle

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



D6E8A8



9AF2D4



E4D8FF



FFCAED



# Sweetspot

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



D6E8A8



F9FFEB



E8B9A8



7C8073



000000



808080

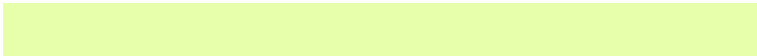


# Same Dimension

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



D6E8A8



E7FFAB



B7E8A8



707367



80B300



253300



# Inverse Universe

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



BAA8E8



C3ABFF



D9A8E8



6B6773



3200B3

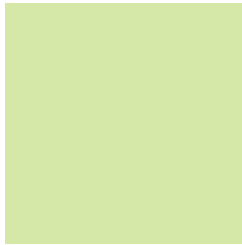


0E0033



# Previews

## White Background



This preview shows how the Hex color D6E8A8 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 D6E8A8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

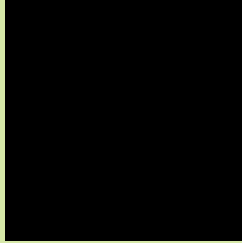
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D6E8A8 Background



This preview shows how black text looks on a background with the Hex color D6E8A8.

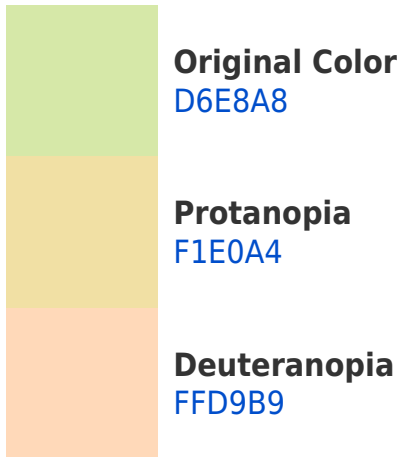


This preview shows how white text looks on a background with the Hex color D6E8A8.

# Color Blindness Simulation

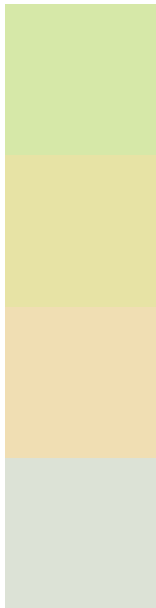
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



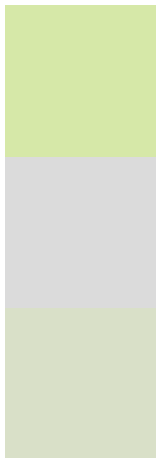
**Original Color**  
D6E8A8

**Protanomaly**  
E7E3A5

**Deuteranomaly**  
F0DEB3

**Tritanomaly**  
DCE2D6

# Monochromacy



**Original Color**  
D6E8A8

**Achromatopsia**  
DBDBDB

**Achromatomaly**  
D9E0C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6E8A8 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 #D6E8A8 looks like.

```
.text, #text, p{  
    color:#D6E8A8  
}
```

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 #D6E8A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6E8A8 }  
}
```

## Border

The CSS property to change the border of an element to Hex D6E8A8 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 #D6E8A8 }  
}
```

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

```
.border{ border-color:#D6E8A8 }
```

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

Here you see how a box with a 4 pixel #D6E8A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6E8A8; -webkit-box-shadow:4px 4px  
4px 4px #D6E8A8; box-shadow:4px 4px 4px  
4px #D6E8A8 }
```

# Background

The CSS property to change the background color of an element to Hex D6E8A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6E8A8 }
```

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

```
.background{ background-color:#D6E8A8 }
```

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