

# Converting Colors

Hex(D1E6B4)

Have a look what the booklet for  
Hex(D1E6B4) contains.

|  |    |
|--|----|
| <b>Hex(D1E6B4)</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(D1E6B4)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | D1E6B4                     |
| RGB           | 209, 230, 180              |
| RGB Percent   | 82%, 90%, 71%              |
| CMY           | 0.1804, 0.0980, 0.2941     |
| CMYK          | 0.09, 0.00, 0.22, 0.10     |
| HSL           | 85°, 50%, 80%              |
| HSV           | 85°, 22%, 90%              |
| XYZ           | 62.8295, 73.4442, 54.0447  |
| YIQ           | 218.0210, 3.5340, -20.0020 |

# Conversions

## Conversions Part 2

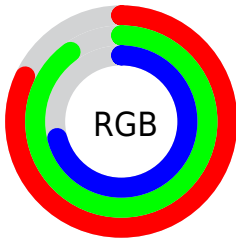
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 180, 230, 201                  |
| Decimal                             | 13756084                       |
| CIELab                              | 88.66, -15.56, 22.09           |
| CIElCh                              | 89, 27.023, 125.156            |
| Yxy                                 | 73.4442, 0.3301,<br>0.3859     |
| Android<br>(android.graphics.Color) | 4291946164<br>(0xFFD1E6B4)     |
| YUV                                 | 218.0210, -18.7444,<br>-7.9114 |
| Hunter-Lab                          | 85.6996, -19.1094,<br>22.5997  |

# Details

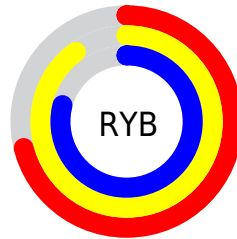
The Hex color **D1E6B4** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **C9B4E6**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFEC**, and **9AAE7F** is the 20% darker color. If you saturate the color by 10%, you get **C7E69D**, and if you desaturate by 10%, it is **DBE6CB**.

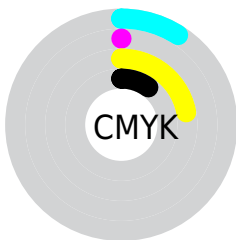
# Distribution



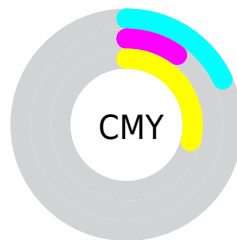
- Red (82%)
- Green (90%)
- Blue (71%)



- Red (71%)
- Yellow (90%)
- Blue (79%)



- Cyan (9%)
- Magenta (0%)
- Yellow (22%)
- Black (10%)



- Cyan (18%)
- Magenta (10%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1E6B4 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 D1E6B4 by changing the saturation by 10% instead.



 D1E6B4

 D1E6B4

FFFFFF

 B5CA99

 FFFFEC

 9AAE7F

 809466

 677A4D

 4E6136

 364920

 20330A

 081E00

 000000

 D1E6B4

 D1E6B4

 C7E69D

 DBE6CB

 BEE686

 E4E6E2

 B4E66F

 EEE6F9

 AAE658

 F8E6FF

 A1E641

 FFE6FF

 97E62A

 8DE613

 85E600

# Harmonies

## Analogous

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



EEDEAB



D1E6B4



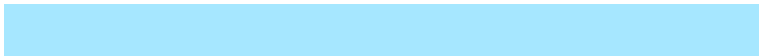
B4EBC8

# Triad

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



D1E6B4



A6E7FF



FFCCDB

# Complementary

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



D1E6B4



C9B4E6

# 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.



FFCFF5



D1E6B4



C6DFFF

# Square

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



D1E6B4



96ECFB



E9D6FF



FFCFC2

# Rectangle

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



D1E6B4



A3EDD9



E9D6FF



FFCDE4



# Sweetspot

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



D1E6B4



F8FFED



E6C9B4



7B8075



000000



808080

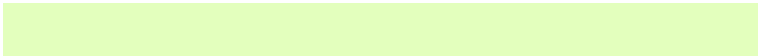


# Same Dimension

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



D1E6B4



E3FFBD



B8E6B4



6E7367



68B300



1E3300



# Inverse Universe

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



C9B4E6



D9BDFF



E2B4E6



6C6773



4B00B3

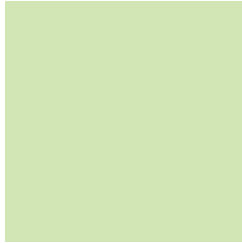


150033



# Previews

## White Background



This preview shows how the Hex color D1E6B4 looks on a white background.

## Color Contrast Check

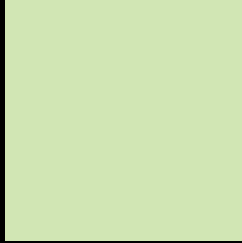
Large Text (above 18pt) WCAG AA × Fail

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 D1E6B4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

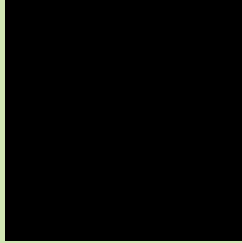
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

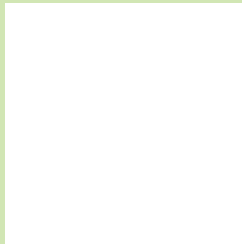
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D1E6B4 Background



This preview shows how black text looks on a background with the Hex color D1E6B4.

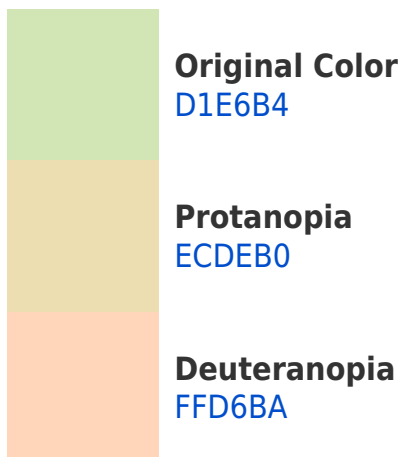


This preview shows how white text looks on a background with the Hex color D1E6B4.

# 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 D1E6B4 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 #D1E6B4 looks like.

```
.text, #text, p{  
    color:#D1E6B4  
}
```

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 #D1E6B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1E6B4
}
```

## Border

The CSS property to change the border of an element to Hex D1E6B4 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
#D1E6B4 }
```

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

```
.border{ border-color:#D1E6B4 }
```

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

Here you see how a box with a 4 pixel #D1E6B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1E6B4; -webkit-box-shadow:4px 4px  
4px 4px #D1E6B4; box-shadow:4px 4px 4px  
4px #D1E6B4 }
```

# Background

The CSS property to change the background color of an element to Hex D1E6B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1E6B4 }
```

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

```
.background{ background-color:#D1E6B4 }
```

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