

# Converting Colors

Hex(D6E7C4)

Have a look what the booklet for  
Hex(D6E7C4) contains.

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# **Color**

**Hex(D6E7C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6E7C4
RGB	214, 231, 196
RGB Percent	84%, 91%, 77%
CMY	0.1608, 0.0941, 0.2314
CMYK	0.07, 0.00, 0.15, 0.09
HSL	89°, 42%, 84%
HSV	89°, 15%, 91%
XYZ	66.2713, 75.4335, 63.2918
YIQ	221.9270, 1.1030, -14.4890

# Conversions

## Conversions Part 2

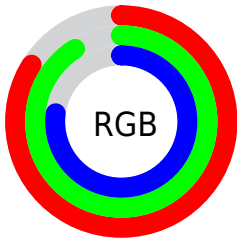
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 231, 213
Decimal	14084036
CIELab	89.60, -11.78, 15.15
CIElCh	90, 19.192, 127.882
Yxy	75.4335, 0.3233, 0.3680
Android (android.graphics.Color)	4292274116 (0xFFD6E7C4)
YUV	221.9270, -12.7820, -6.9520
Hunter-Lab	86.8525, -15.7904, 17.5904

# Details

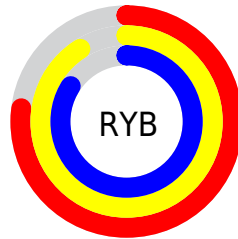
The Hex color **D6E7C4** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **D5C4E7**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFFD**, and **9FAF8E** is the 20% darker color. If you saturate the color by 10%, you get **CBE7AD**, and if you desaturate by 10%, it is **E1E7DB**.

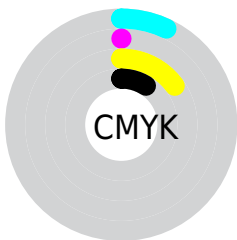
# Distribution



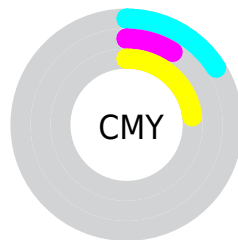
- Red (84%)
- Green (91%)
- Blue (77%)



- Red (77%)
- Yellow (91%)
- Blue (84%)



- Cyan (7%)
- Magenta (0%)
- Yellow (15%)
- Black (9%)



- Cyan (16%)
- Magenta (9%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6E7C4 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 D6E7C4 by changing the saturation by 10% instead.



 D6E7C4

 D6E7C4

FFFFFFF

 BACBA9

FFFFFFD

 9FAF8E

 859575

 6B7B5C

 536244

 3C4A2E

 253419

 131E00

 000000

 D6E7C4

 D6E7C4

 CBE7AD

 E1E7DB

 C0E796

 ECE7F2

 B4E77F

 F8E7FF

 A9E768

 FFE7FF

 9EE751

 93E739

 87E722

 7CE70B

 77E700

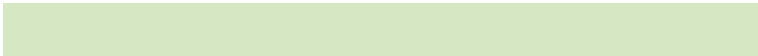
# Harmonies

## Analogous

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



EBE2BD



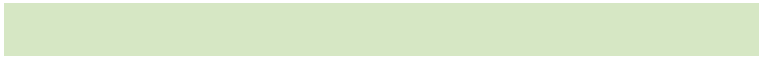
D6E7C4



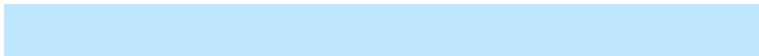
C2EBD3

# Triad

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



D6E7C4



BEE7FF



FFD5DD

# Complementary

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



D6E7C4



D5C4E7

# 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.



FDD6EF



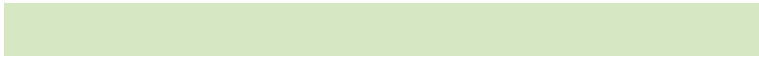
D6E7C4



D3E1FF

# Square

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



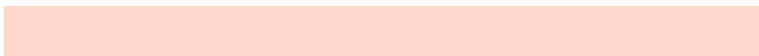
D6E7C4



B2EBF7



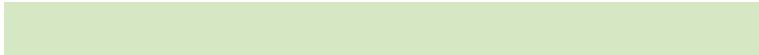
EBDBFE



FFD7CB

# Rectangle

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



D6E7C4



B8ECDF



EBDBFE

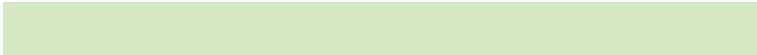


FFD5E3



# Sweetspot

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



D6E7C4



F9FFF2



E7D5C4



7C8078



000000

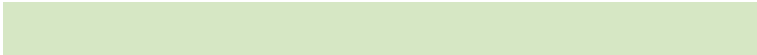


808080

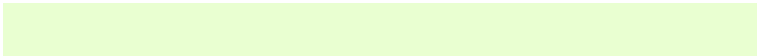


# Same Dimension

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



D6E7C4



E9FFD1



C5E7C4



6D7367



5CB300



1A3300



# Inverse Universe

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



D5C4E7



E7D1FF



E6C4E7



6D6773



5700B3

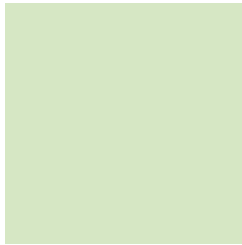


190033



# Previews

## White Background



This preview shows how the Hex color D6E7C4 looks on a white background.

## Color Contrast Check

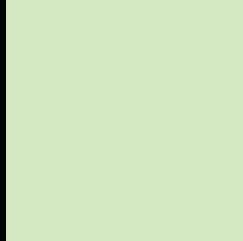
Large Text (above 18pt) WCAG AA × Fail

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 D6E7C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

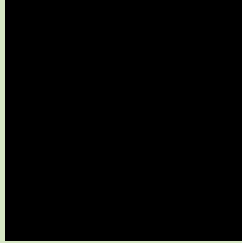
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

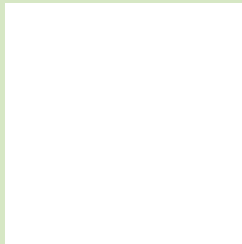
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D6E7C4 Background



This preview shows how black text looks on a background with the Hex color D6E7C4.

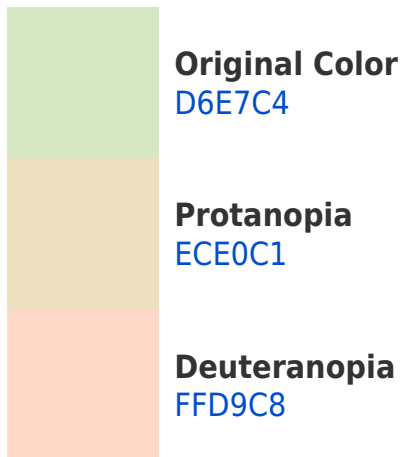


This preview shows how white text looks on a background with the Hex color D6E7C4.

# 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](#).

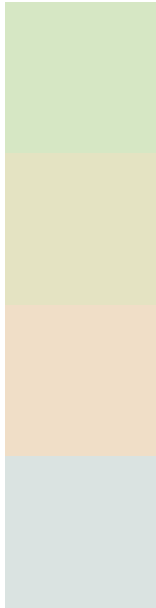
## Dichromacy





**Tritanopia**  
DDE0F2

# Trichromacy



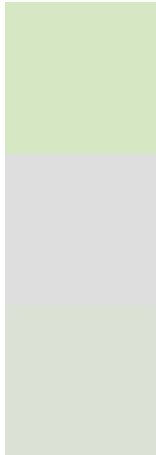
**Original Color**  
D6E7C4

**Protanomaly**  
E4E3C2

**Deuteranomaly**  
F0DEC7

**Tritanomaly**  
DAE3E1

# Monochromacy



**Original Color**  
D6E7C4

**Achromatopsia**  
DEDEDE

**Achromatomaly**  
DBE1D5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6E7C4 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 #D6E7C4 looks like.

```
.text, #text, p{  
    color:#D6E7C4  
}
```

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 #D6E7C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6E7C4
}
```

## Border

The CSS property to change the border of an element to Hex D6E7C4 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
#D6E7C4 }
```

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

```
.border{ border-color:#D6E7C4 }
```

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

Here you see how a box with a 4 pixel #D6E7C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6E7C4; -webkit-box-shadow:4px 4px  
4px 4px #D6E7C4; box-shadow:4px 4px 4px  
4px #D6E7C4 }
```

# Background

The CSS property to change the background color of an element to Hex D6E7C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6E7C4 }
```

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

```
.background{ background-color:#D6E7C4 }
```

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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