

# Converting Colors

Hex(D6EACC)

Have a look what the booklet for  
Hex(D6EACC) contains.

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# **Color**

**Hex(D6EACC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6EACC
RGB	214, 234, 204
RGB Percent	84%, 92%, 80%
CMY	0.1608, 0.0824, 0.2000
CMYK	0.09, 0.00, 0.13, 0.08
HSL	100°, 42%, 86%
HSV	100°, 13%, 92%
XYZ	68.0535, 77.5014, 68.4992
YIQ	224.6000, -2.2900, -13.5700

# Conversions

## Conversions Part 2

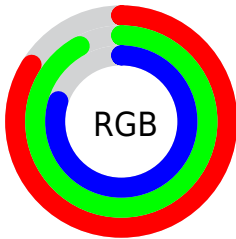
Format	Color
R <sub>Y</sub> B	204, 234, 224
Decimal	14084812
CIE Lab	90.55, -11.97, 12.34
CIE LCh	91, 17.189, 134.123
Yxy	77.5014, 0.3179, 0.3621
Android (android.graphics.Color)	4292274892 (0xFFD6EACC)
YUV	224.6000, -10.1558, -9.2962
Hunter-Lab	88.0349, -16.0755, 15.4914

# Details

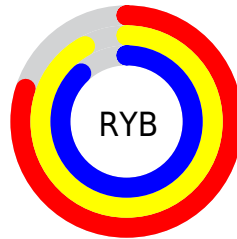
The Hex color **D6EACC** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **E0CCEA**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFFF**, and **9FB296** is the 20% darker color. If you saturate the color by 10%, you get **C6EAB5**, and if you desaturate by 10%, it is **E6EAE3**.

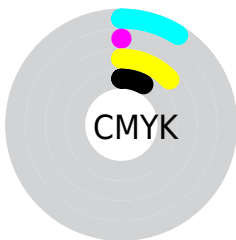
# Distribution



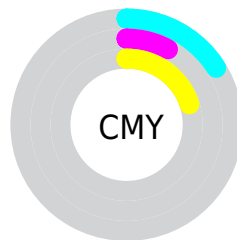
- Red (84%)
- Green (92%)
- Blue (80%)



- Red (80%)
- Yellow (92%)
- Blue (88%)



- Cyan (9%)
- Magenta (0%)
- Yellow (13%)
- Black (8%)



- Cyan (16%)
- Magenta (8%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6EACC 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 D6EACC by changing the saturation by 10% instead.



 D6EACC

FFFFFF

 D6EACC

 BACEB1

 9FB296

 85987C

 6C7E63

 53654B

 3C4D34

 26361F

 122008

 000400

 D6EACC

 D6EACC

 C6EAB5

 E6EAE3

 B7EA9D

 F5EAFB

 A7EA86

 FFEAFF

 98EA6E

 88EA57

 78EA40

 69EA28

 59EA11

 4EEA00

# Harmonies

## Analogous

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



E9E5C4



D6EACC



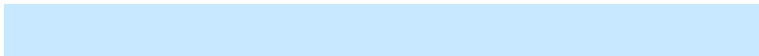
C5EDDA

# Triad

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



D6EACC



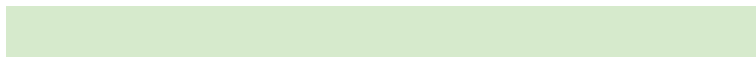
C8E8FF



FFD9DD

# Complementary

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



D6EACC



E0CCEA

# 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.



FFDAED



D6EACC



DCE3FF

# Square

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



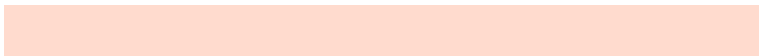
D6EACC



BCECFA



F1DDFC



FFDBCE

# Rectangle

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



D6EACC



BDEEE6



F1DDFC



FFD9E2



# Sweetspot

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



D6EACC



F8FFF5



EAE0CC



7B8079



000000



808080

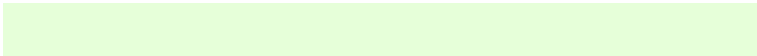


# Same Dimension

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



D6EACC



E6FFD9



CCEAD1



6D756A



3CB500



123600



# Inverse Universe

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



E0CCEA



F2D9FF



EACCE5



716A75



7900B5

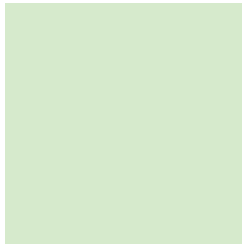


240036



# Previews

## White Background



This preview shows how the Hex color D6EACC looks on a white background.

## Color Contrast Check

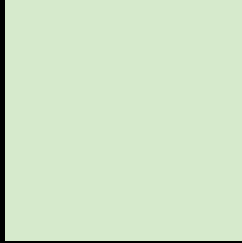
Large Text (above 18pt) WCAG AA × Fail

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 D6EACC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

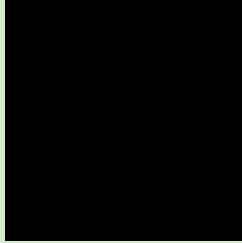
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

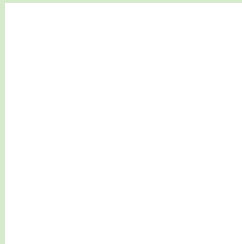
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D6EACC Background



This preview shows how black text looks on a background with the Hex color D6EACC.

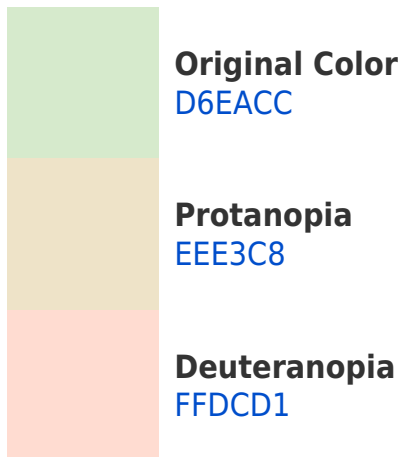


This preview shows how white text looks on a background with the Hex color D6EACC.

# 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](#).

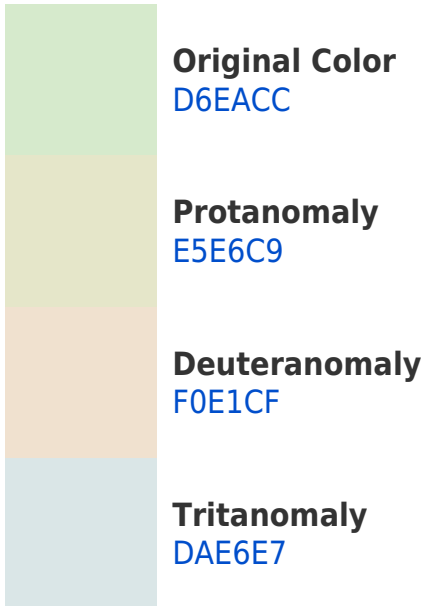
## Dichromacy



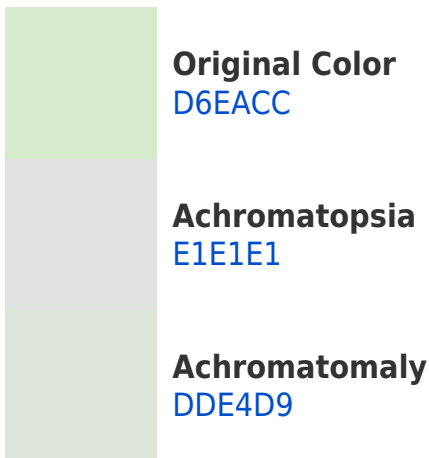


**Tritanopia**  
DDE4F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6EACC 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 #D6EACC looks like.

```
.text, #text, p{  
    color:#D6EACC  
}
```

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 #D6EACC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6EACC
}
```

## Border

The CSS property to change the border of an element to Hex D6EACC 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
#D6EACC }
```

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

```
.border{ border-color:#D6EACC }
```

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

Here you see how a box with a 4 pixel #D6EACC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6EACC; -webkit-box-shadow:4px 4px  
4px 4px #D6EACC; box-shadow:4px 4px 4px  
4px #D6EACC }
```

# Background

The CSS property to change the background color of an element to Hex D6EACC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6EACC }
```

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

```
.background{ background-color:#D6EACC }
```

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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