

# Converting Colors

Hex(D6EBA6)

Have a look what the booklet for  
Hex(D6EBA6) contains.

<b>Hex(D6EBA6)</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(D6EBA6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D6EBA6
RGB	214, 235, 166
RGB Percent	84%, 92%, 65%
CMY	0.1608, 0.0784, 0.3490
CMYK	0.09, 0.00, 0.29, 0.08
HSL	78°, 63%, 79%
HSV	78°, 29%, 92%
XYZ	64.3228, 76.4660, 47.4456
YIQ	220.8550, 9.6330, -25.9110

# Conversions

## Conversions Part 2

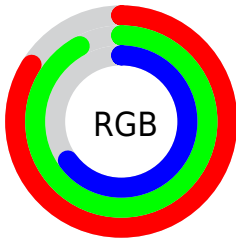
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 235, 187
Decimal	14085030
CIELab	90.08, -18.24, 31.26
CIElCh	90, 36.194, 120.262
Yxy	76.4660, 0.3417, 0.4062
Android (android.graphics.Color)	4292275110 (0xFFD6EBA6)
YUV	220.8550, -27.0435, -6.0118
Hunter-Lab	87.4448, -21.7271, 29.0419

# Details

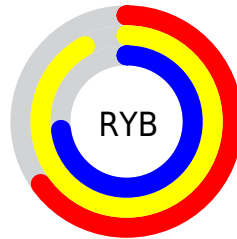
The Hex color **D6EBA6** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **BBA6EB**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFDE**, and **9FB371** is the 20% darker color. If you saturate the color by 10%, you get **CFEB8F**, and if you desaturate by 10%, it is **DDEBBE**.

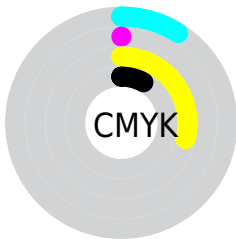
# Distribution



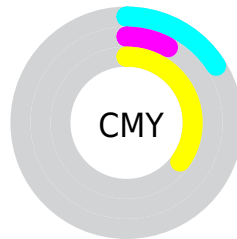
- Red (84%)
- Green (92%)
- Blue (65%)



- Red (65%)
- Yellow (92%)
- Blue (73%)



- Cyan (9%)
- Magenta (0%)
- Yellow (29%)
- Black (8%)



- Cyan (16%)
- Magenta (8%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6EBA6 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 D6EBA6 by changing the saturation by 10% instead.



 D6EBA6

FFFFFF

 FFFFDE

 FFFFFA

 D6EBA6

 BACF8B

 9FB371


 849858

 6A7E40

 516529

 394D11

 223600

 082100

 000100

 D6EBA6

 D6EBA6

 CFEB8F

 DDEBBE

 C8EB77

 E4EBD5

 C1EB60

 EBEBED

 B9EB48

 F3EBFF

 B2EB31

 FAEBFF

 ABEB19

 FFEBFF

 A4EB02

 A3EB00

# Harmonies

## Analogous

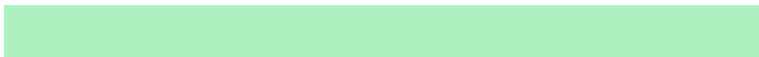
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FBE09D



D6EBA6



AEF2BF

# Triad

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



D6EBA6



88EFFF



FFC9E4

# Complementary

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



D6EBA6



BBA6EB

# Split Complementary

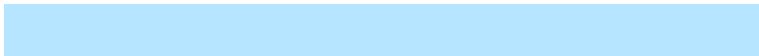
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCEFF



D6EBA6



B6E6FF

# Square

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



D6EBA6



75F5FF



E8DAFF



FFCC1

# Rectangle

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



D6EBA6



94F5D6



E8DAFF



FFCAEF

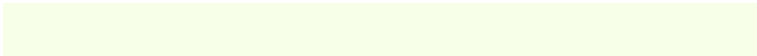


# Sweetspot

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



D6EBA6



F8FFE8



EBBBA6



7B8071



000000

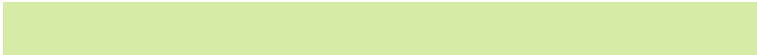


808080

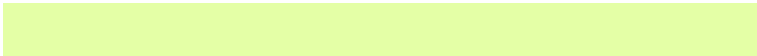


# Same Dimension

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



D6EBA6



E4FFA6



B4EBA6



72756A



7EB500



253600



# Inverse Universe

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



BBA6EB



C1A6FF



DDA6EB



6D6A75



3700B5

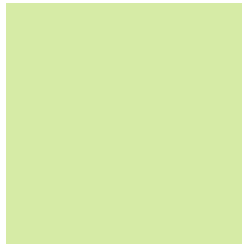


100036



# Previews

## White Background



This preview shows how the Hex color D6EBA6 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 D6EBA6 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 D6EBA6 Background



This preview shows how black text looks on a background with the Hex color D6EBA6.



This preview shows how white text looks on a background with the Hex color D6EBA6.

# 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](#).

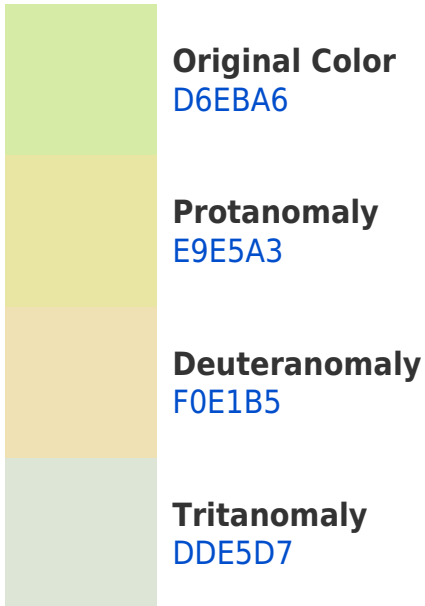
## Dichromacy



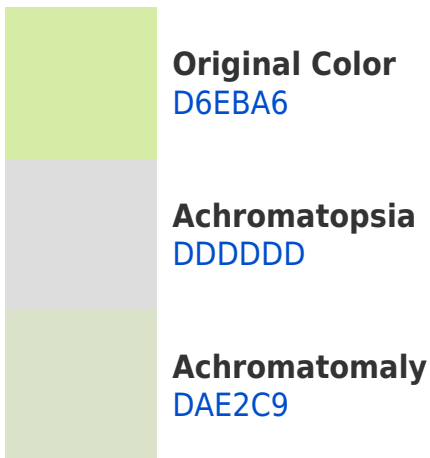


**Tritanopia**  
E1E1F3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6EBA6 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 #D6EBA6 looks like.

```
.text, #text, p{  
    color:#D6EBA6  
}
```

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 #D6EBA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6EBA6
}
```

## Border

The CSS property to change the border of an element to Hex D6EBA6 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
#D6EBA6 }
```

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

```
.border{ border-color:#D6EBA6 }
```

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

Here you see how a box with a 4 pixel #D6EBA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6EBA6; -webkit-box-shadow:4px 4px  
4px 4px #D6EBA6; box-shadow:4px 4px 4px  
4px #D6EBA6 }
```

# Background

The CSS property to change the background color of an element to Hex D6EBA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6EBA6 }
```

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

```
.background{ background-color:#D6EBA6 }
```

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