

# Converting Colors

Hex(D0E38E)

Have a look what the booklet for  
Hex(D0E38E) contains.

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# **Color**

**Hex(D0E38E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0E38E
RGB	208, 227, 142
RGB Percent	82%, 89%, 56%
CMY	0.1843, 0.1098, 0.4431
CMYK	0.08, 0.00, 0.37, 0.11
HSL	73°, 60%, 72%
HSV	73°, 37%, 89%
XYZ	58.3640, 70.3011, 36.0845
YIQ	211.6290, 15.9610, -30.4630

# Conversions

## Conversions Part 2

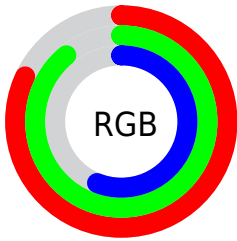
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 227, 161
Decimal	13689742
CIELab	87.14, -19.60, 39.43
CIELCh	87, 44.035, 116.436
Yxy	70.3011, 0.3543, 0.4267
Android (android.graphics.Color)	4291879822 (0xFFD0E38E)
YUV	211.6290, -34.3271, -3.1826
Hunter-Lab	83.8457, -22.4783, 33.1755

# Details

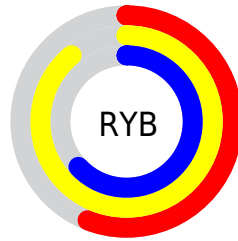
The Hex color **D0E38E** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **A18EE3**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFFC5**, and **98AC5A** is the 20% darker color. If you saturate the color by 10%, you get **CBE377**, and if you desaturate by 10%, it is **D5E3A5**.

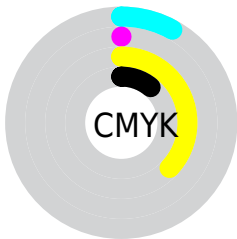
# Distribution



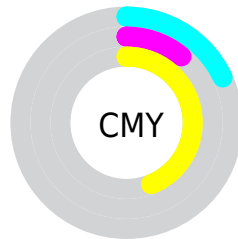
- Red (82%)
- Green (89%)
- Blue (56%)



- Red (56%)
- Yellow (89%)
- Blue (63%)



- Cyan (8%)
- Magenta (0%)
- Yellow (37%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0E38E 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 D0E38E by changing the saturation by 10% instead.



 D0E38E

 D0E38E

FFFFFF

 B4C774

 FFFFC5

 98AC5A

 FFFFE1

 7E9141

FFFFFFE

 647729

 4A5F0F

 324700

 1A3000

 001D00

 000000

 D0E38E

 D0E38E

 CBE377

 D5E3A5

 C6E361

 DAE3BB

 C1E34A

 DFE3D2

 BCE333

 E4E3E9

 B7E31D

 E9E3FF

 B2E306

 EEE3FF

 B0E300

 F4E3FF

 F9E3FF

 FEE3FF

# Harmonies

## Analogous

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



FBD686



D0E38E



9FECAB

# Triad

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



D0E38E



4FEBFF



FFBAE1

# Complementary

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



D0E38E



A18EE3

# Split Complementary

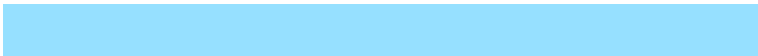
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC3FF



D0E38E



96E0FF

# Square

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



D0E38E



35F0FE



D8D1FF



FFBCB7

# Rectangle

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



D0E38E



7BF0C5



D8D1FF



FFBCEF



# Sweetspot

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



D0E38E



F9FFE3



E3A08E



7C806F



000000



808080

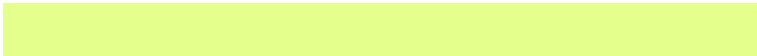


# Same Dimension

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



D0E38E



E5FF8C



A6E38E



707367



8BB300



283300



# Inverse Universe

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



A18EE3



A68CFF



CB8EE3



6A6773



2800B3

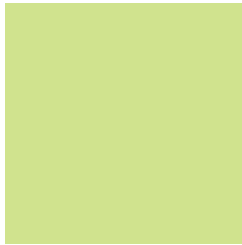


0B0033



# Previews

## White Background



This preview shows how the Hex color D0E38E looks on a white background.

## Color Contrast Check

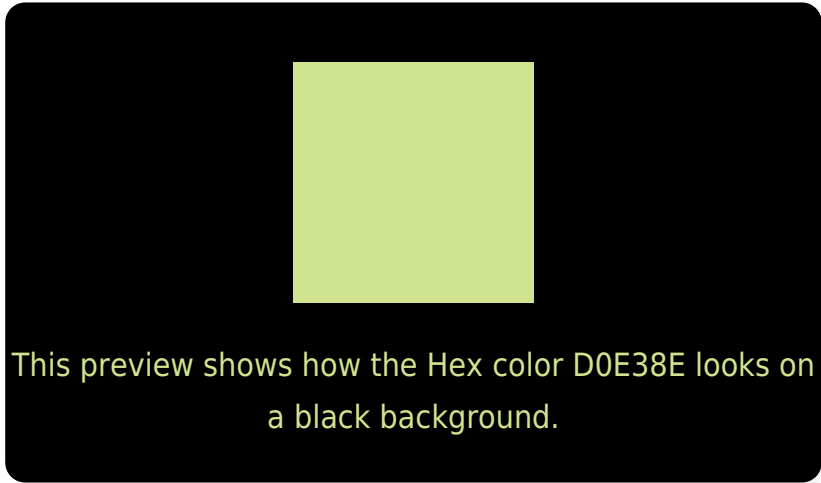
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

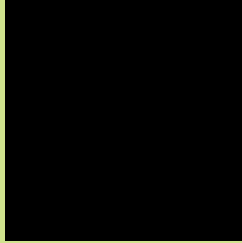
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D0E38E Background



This preview shows how black text looks on a background with the Hex color D0E38E.

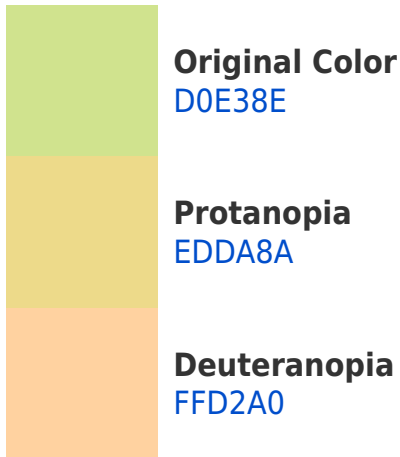


This preview shows how white text looks on a background with the Hex color D0E38E.

# 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](#).

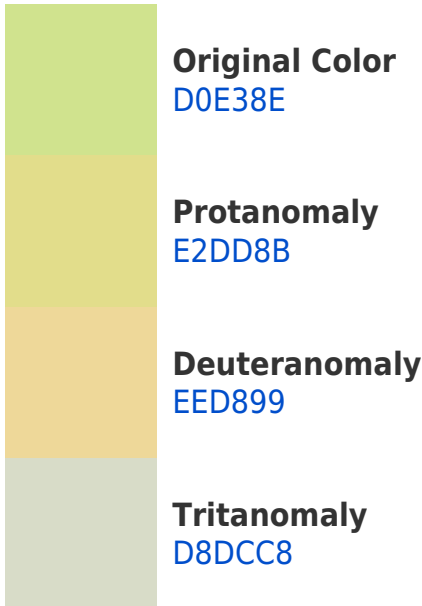
## Dichromacy



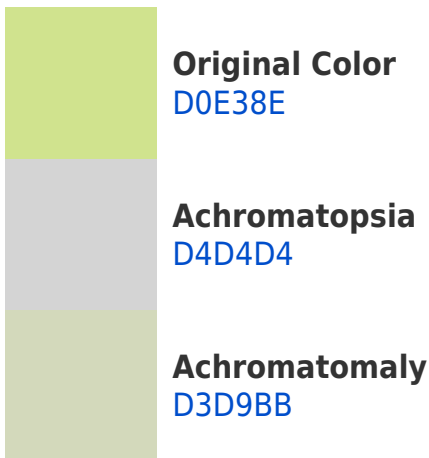


**Tritanopia**  
DCD8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0E38E 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 #D0E38E looks like.

```
.text, #text, p{  
    color:#D0E38E  
}
```

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 #D0E38E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0E38E
}
```

## Border

The CSS property to change the border of an element to Hex D0E38E 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
#D0E38E }
```

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

```
.border{ border-color:#D0E38E }
```

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

Here you see how a box with a 4 pixel #D0E38E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0E38E; -webkit-box-shadow:4px 4px  
4px 4px #D0E38E; box-shadow:4px 4px 4px  
4px #D0E38E }
```

# Background

The CSS property to change the background color of an element to Hex D0E38E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0E38E }
```

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

```
.background{ background-color:#D0E38E }
```

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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