

# Converting Colors

Hex(D6E39D)

Have a look what the booklet for  
Hex(D6E39D) contains.

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# **Color**

**Hex(D6E39D)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D6E39D                      |
| RGB         | 214, 227, 157               |
| RGB Percent | 84%, 89%, 62%               |
| CMY         | 0.1608, 0.1098, 0.3843      |
| CMYK        | 0.06, 0.00, 0.31, 0.11      |
| HSL         | 71°, 56%, 75%               |
| HSV         | 71°, 31%, 89%               |
| XYZ         | 61.2864, 71.6686, 42.5016   |
| YIQ         | 215.1330, 14.7220, -24.5260 |

# Conversions

## Conversions Part 2

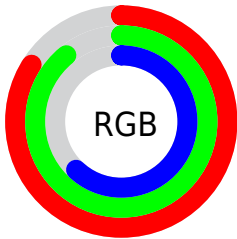
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 157, 227, 170                  |
| Decimal                             | 14082973                       |
| CIELab                              | 87.81, -15.49, 32.82           |
| CIELCh                              | 88, 36.288, 115.269            |
| Yxy                                 | 71.6686, 0.3493,<br>0.4085     |
| Android<br>(android.graphics.Color) | 4292273053<br>(0xFFD6E39D)     |
| YUV                                 | 215.1330, -28.6596,<br>-0.9936 |
| Hunter-Lab                          | 84.6573, -18.9278,<br>29.4940  |

# Details

The Hex color **D6E39D** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **AA9DE3**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFD4**, and **9EAC69** is the 20% darker color. If you saturate the color by 10%, you get **D2E386**, and if you desaturate by 10%, it is **DAE3B4**.

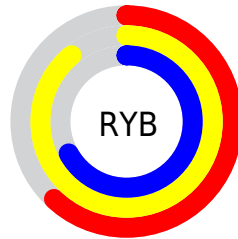
# Distribution



Red (84%)

Green (89%)

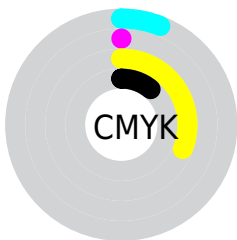
Blue (62%)



Red (62%)

Yellow (89%)

Blue (67%)

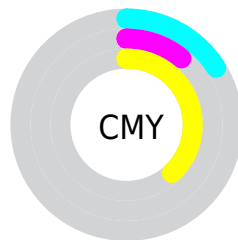


Cyan (6%)

Magenta (0%)

Yellow (31%)

Black (11%)



Cyan (16%)

Magenta (11%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6E39D 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 D6E39D by changing the saturation by 10% instead.



 D6E39D

FFFFFFF

 FFFFD4

 FFFFF1

 D6E39D

 BAC783

 9EAC69

 849150

 6A7738

 515F21

 394708

 223100

 041C00

 000000

 D6E39D

 D6E39D

 D2E386

 DAE3B4

 CEE370

 DEE3CA

 C9E359

 E3E3E1

 C5E342

 E7E3F8

 C1E32C

 EBE3FF

 BDE315

 EFE3FF

 B9E300

 F4E3FF

 F8E3FF

 FCE3FF

# Harmonies

## Analogous

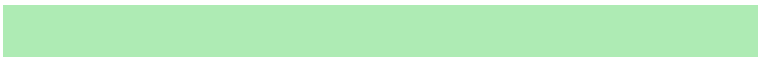
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FAD897



D6E39D



AEEBB4

# Triad

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



D6E39D



7AEAFF



FFC3E3

# Complementary

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



D6E39D



AA9DE3

# Split Complementary

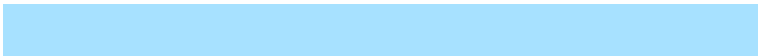
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCAFF



D6E39D



A7E1FF

# Square

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



D6E39D



6EEFF8



DAD5FF



FFC4C0

# Rectangle

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



D6E39D



94EEC9



DAD5FF



FFC4EF



# Sweetspot

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



D6E39D



FBFFE8



E3AA9D



7D8071



000000



808080



# Same Dimension

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



D6E39D



EDFFA1



B3E39D



717367



91B300



2A3300



# Inverse Universe

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



AA9DE3



B2A1FF



CD9DE3



696773



2100B3

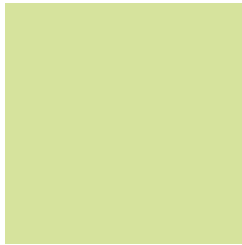


090033



# Previews

## White Background



This preview shows how the Hex color D6E39D 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 D6E39D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

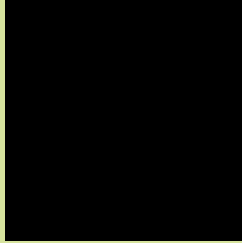
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

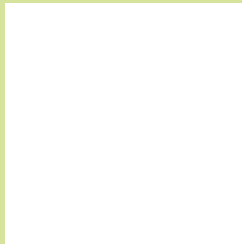
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D6E39D Background



This preview shows how black text looks on a background with the Hex color D6E39D.

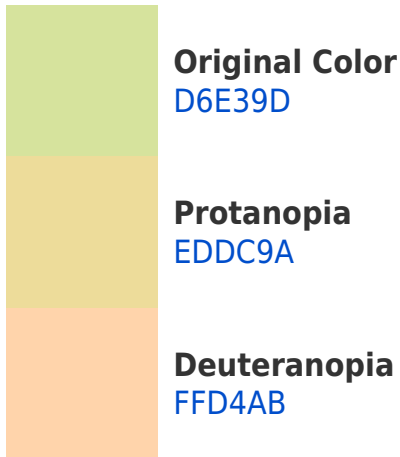


This preview shows how white text looks on a background with the Hex color D6E39D.

# 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](#).

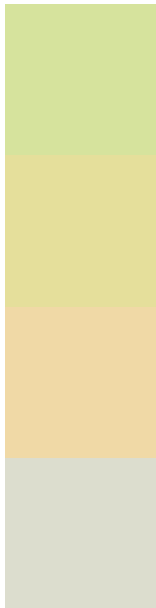
## Dichromacy





**Tritanopia**  
E0D9EA

# Trichromacy



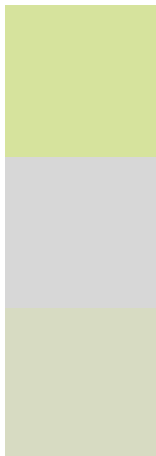
**Original Color**  
D6E39D

**Protanomaly**  
E5DF9B

**Deuteranomaly**  
F0D9A6

**Tritanomaly**  
DCDDCE

# Monochromacy



**Original Color**  
D6E39D

**Achromatopsia**  
D7D7D7

**Achromatomaly**  
D7DBC2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6E39D 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 #D6E39D looks like.

```
.text, #text, p{  
    color:#D6E39D  
}
```

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 #D6E39D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6E39D
}
```

## Border

The CSS property to change the border of an element to Hex D6E39D 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
#D6E39D }
```

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

```
.border{ border-color:#D6E39D }
```

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

Here you see how a box with a 4 pixel #D6E39D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6E39D; -webkit-box-shadow:4px 4px  
4px 4px #D6E39D; box-shadow:4px 4px 4px  
4px #D6E39D }
```

# Background

The CSS property to change the background color of an element to Hex D6E39D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6E39D }
```

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

```
.background{ background-color:#D6E39D }
```

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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