

# Converting Colors

Hex(D8E5B7)

Have a look what the booklet for  
Hex(D8E5B7) contains.

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# **Color**

**Hex(D8E5B7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D8E5B7
RGB	216, 229, 183
RGB Percent	85%, 90%, 72%
CMY	0.1529, 0.1020, 0.2824
CMYK	0.06, 0.00, 0.20, 0.10
HSL	77°, 47%, 81%
HSV	77°, 20%, 90%
XYZ	64.8855, 74.0564, 55.6742
YIQ	219.8690, 7.0180, -17.0620

# Conversions

## Conversions Part 2

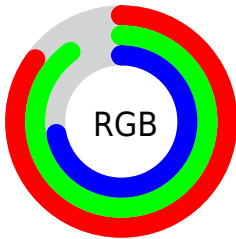
Format	Color
<a href="#">RYB</a>	<a href="#">183, 229, 196</a>
Decimal	<a href="#">14214583</a>
CIELab	<a href="#">88.95, -12.11, 21.02</a>
CIElCh	<a href="#">89, 24.257, 119.950</a>
Yxy	<a href="#">74.0564, 0.3334, 0.3805</a>
Android (android.graphics.Color)	<a href="#">4292404663 (0xFFD8E5B7)</a>
YUV	<a href="#">219.8690, -18.1764, -3.3931</a>
Hunter-Lab	<a href="#">86.0561, -16.0108, 21.8814</a>

# Details

The Hex color **D8E5B7** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **C4B7E5**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFFF**, and **A1AE82** is the 20% darker color. If you saturate the color by 10%, you get **D2E5A0**, and if you desaturate by 10%, it is **DEE5CE**.

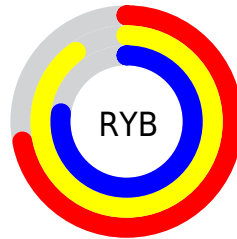
# Distribution



Red (85%)

Green (90%)

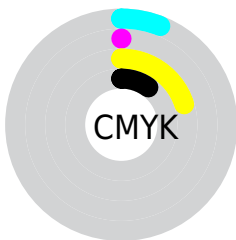
Blue (72%)



Red (72%)

Yellow (90%)

Blue (77%)

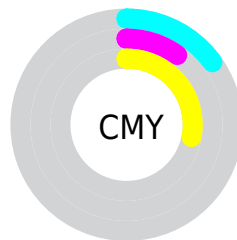


Cyan (6%)

Magenta (0%)

Yellow (20%)

Black (10%)



Cyan (15%)

Magenta (10%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8E5B7 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 D8E5B7 by changing the saturation by 10% instead.



 D8E5B7

 D8E5B7

FFFFFFF

 BCC99C

 FFFFEF

 A1AE82


 869369

 6D7950

 546039

 3D4923

 26320D

 111D00

 000000

 D8E5B7

 D8E5B7

 D2E5A0

 DEE5CE

 CBE589

 E5E5E5

 C5E572

 EBE5FC

 BEE55B

 F2E5FF

 B8E545

 F8E5FF

 B1E52E

 FFE5FF

 ABE517

 A4E500

# Harmonies

## Analogous

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



F1DEB1



D8E5B7



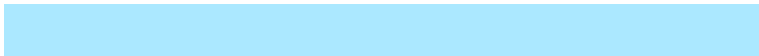
BEEAC8

# Triad

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



D8E5B7



ABE8FF



FFCFE0

# Complementary

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



D8E5B7



C4B7E5

# Split Complementary

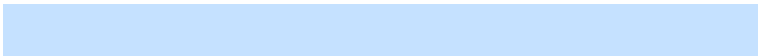
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FDD3F7



D8E5B7



C5E1FF

# Square

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



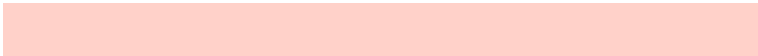
D8E5B7



A0ECF6



E3D9FF



FFD1C9

# Rectangle

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



D8E5B7



AEECD7



E3D9FF



FFD0E8



# Sweetspot

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



D8E5B7



FBFFF0



E5C3B7



7D8077



000000

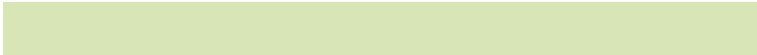


808080

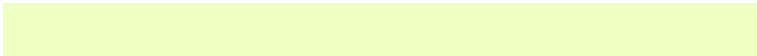


# Same Dimension

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



D8E5B7



EEFFC2



C2E5B7



707367



80B300



253300



# Inverse Universe

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



C4B7E5



D3C2FF



DAB7E5



6B6773



3200B3

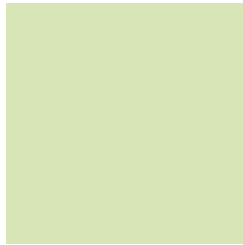


0E0033



# Previews

## White Background



This preview shows how the Hex color D8E5B7 looks on a white background.

## Color Contrast Check

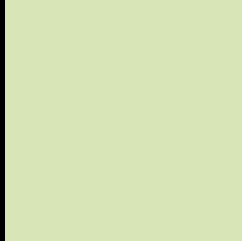
Large Text (above 18pt) WCAG AA × Fail

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 D8E5B7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

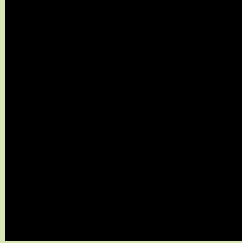
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

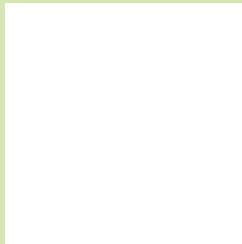
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D8E5B7 Background



This preview shows how black text looks on a background with the Hex color D8E5B7.

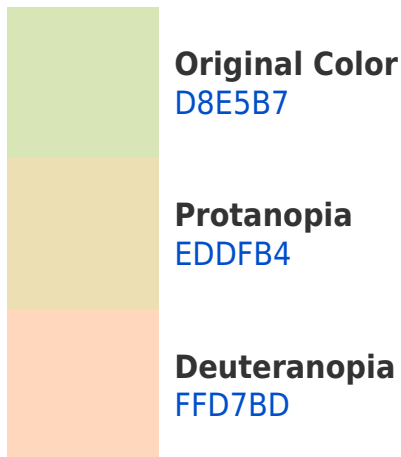


This preview shows how white text looks on a background with the Hex color D8E5B7.

# Color Blindness Simulation

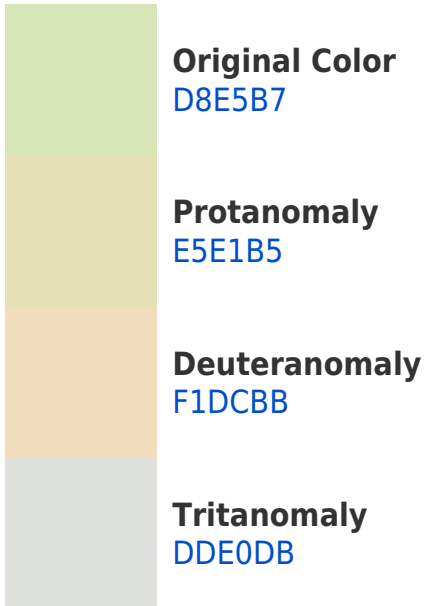
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

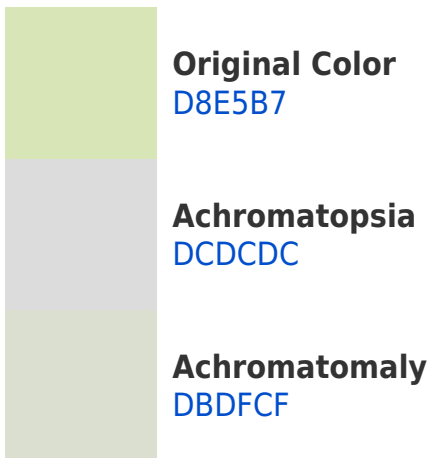




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8E5B7 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 #D8E5B7 looks like.

```
.text, #text, p{  
    color:#D8E5B7  
}
```

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 #D8E5B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8E5B7
}
```

## Border

The CSS property to change the border of an element to Hex D8E5B7 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
#D8E5B7 }
```

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

```
.border{ border-color:#D8E5B7 }
```

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

Here you see how a box with a 4 pixel #D8E5B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8E5B7; -webkit-box-shadow:4px 4px  
4px 4px #D8E5B7; box-shadow:4px 4px 4px  
4px #D8E5B7 }
```

# Background

The CSS property to change the background color of an element to Hex D8E5B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8E5B7 }
```

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

```
.background{ background-color:#D8E5B7 }
```

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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