

Converting Colors

Hex(D8E6CB)

Have a look what the booklet for
Hex(D8E6CB) contains.

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Color

Hex(D8E6CB)

Conversions

Conversions Part 1

Format	Color
Hex	D8E6CB
RGB	216, 230, 203
RGB Percent	85%, 90%, 80%
CMY	0.1529, 0.0980, 0.2039
CMYK	0.06, 0.00, 0.12, 0.10
HSL	91°, 35%, 85%
HSV	91°, 12%, 90%
XYZ	67.3952, 75.5044, 67.5216
YIQ	222.7360, 0.3230, -11.3650

Conversions

Conversions Part 2

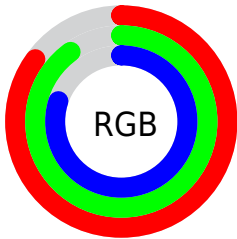
Format	Color
R _Y B	203, 230, 217
Decimal	14214859
CIE Lab	89.63, -9.43, 11.57
CIE LCh	90, 14.926, 129.204
Yxy	75.5044, 0.3203, 0.3588
Android (android.graphics.Color)	4292404939 (0xFFD8E6CB)
YUV	222.7360, -9.7298, -5.9075
Hunter-Lab	86.8932, -13.6169, 14.7531

Details

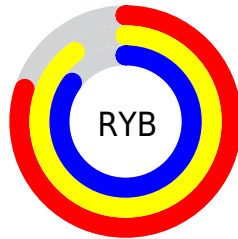
The Hex color **D8E6CB** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **D9CBE6**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFFF**, and **A1AF95** is the 20% darker color. If you saturate the color by 10%, you get **CCE6B4**, and if you desaturate by 10%, it is **E4E6E2**.

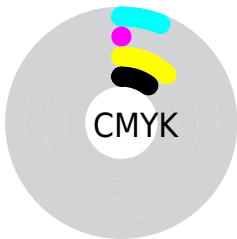
Distribution



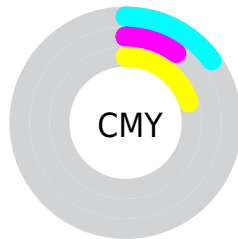
- Red (85%)
- Green (90%)
- Blue (80%)



- Red (80%)
- Yellow (90%)
- Blue (85%)



- Cyan (6%)
- Magenta (0%)
- Yellow (12%)
- Black (10%)



- Cyan (15%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8E6CB 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 D8E6CB by changing the saturation by 10% instead.

 D8E6CB

FFFFFF

 D8E6CB

 BCCAB0

 A1AF95

 87947B

 6D7A62

 55614A

 3E4934

 28331E

 141E06

 000000

 D8E6CB

 D8E6CB

 CCE6B4

 E4E6E2

 C0E69D

 F0E6F9

 B4E686

 FCE6FF

 A8E66F

 FFE6FF

 9CE658

 90E641

 85E62A

 79E613

 6FE600

Harmonies

Analogous

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



E8E2C5



D8E6CB



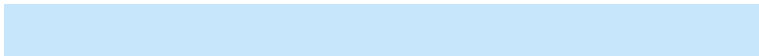
C9E9D7

Triad

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



D8E6CB



C7E6FB



FFD8DD

Complementary

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



D8E6CB



D9CBE6

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.



F8D9EC



D8E6CB



D8E1FD

Square

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



D8E6CB



BEE9F3



EADCF7



FFD9D0

Rectangle

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



D8E6CB



C1EAE0



EADCF7



FED8E2

Sweetspot

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



D8E6CB



FAFFF5



E6D9CB



7C8079



000000



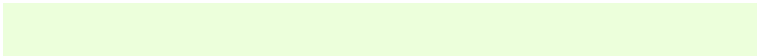
808080

Same Dimension

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



D8E6CB



ECFFDB



CBE6CB



6D7367



56B300



193300

Inverse Universe

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



D9CBE6



EEDBFF



E6CBE6



6D6773



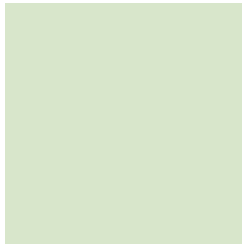
5D00B3



1A0033

Previews

White Background



This preview shows how the Hex color D8E6CB looks on a white background.

Color Contrast Check

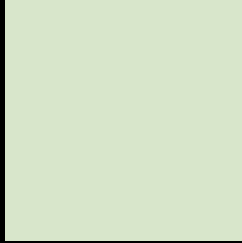
Large Text (above 18pt) WCAG AA × Fail

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 D8E6CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

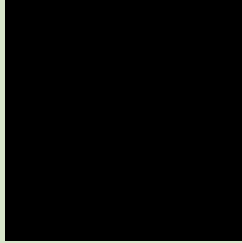
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

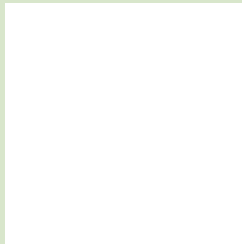
Any Text WCAG AAA ✓ Pass

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

Hex D8E6CB Background



This preview shows how black text looks on a background with the Hex color D8E6CB.

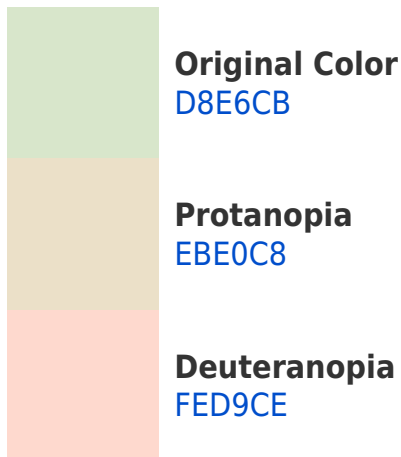


This preview shows how white text looks on a background with the Hex color D8E6CB.

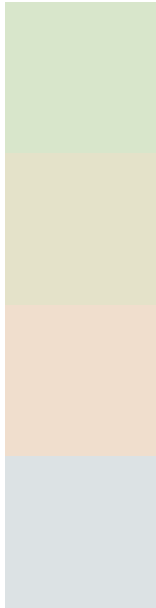
Color Blindness Simulation

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



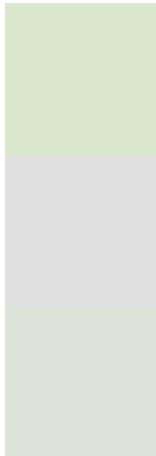
Original Color
D8E6CB

Protanomaly
E4E2C9

Deuteranomaly
F0DECD

Tritanomaly
DCE2E4

Monochromacy



Original Color
D8E6CB

Achromatopsia
DFDFDF

Achromatomaly
DCE2D8

CSS Examples

Text

The CSS property to change the color of the text to Hex D8E6CB 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 #D8E6CB looks like.

```
.text, #text, p{  
    color:#D8E6CB  
}
```

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 #D8E6CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8E6CB  
}
```

Border

The CSS property to change the border of an element to Hex D8E6CB 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  
#D8E6CB }
```

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

```
.border{ border-color:#D8E6CB }
```

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

Here you see how a box with a 4 pixel #D8E6CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8E6CB; -webkit-box-shadow:4px 4px  
4px 4px #D8E6CB; box-shadow:4px 4px 4px  
4px #D8E6CB }
```

Background

The CSS property to change the background color of an element to Hex D8E6CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8E6CB }
```

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

```
.background{ background-color:#D8E6CB }
```

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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