

Converting Colors

Hex(D8ED99)

Have a look what the booklet for
Hex(D8ED99) contains.

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Color

Hex(D8ED99)

Conversions

Conversions Part 1

Format	Color
Hex	D8ED99
RGB	216, 237, 153
RGB Percent	85%, 93%, 60%
CMY	0.1529, 0.0706, 0.4000
CMYK	0.09, 0.00, 0.35, 0.07
HSL	75°, 70%, 76%
HSV	75°, 35%, 93%
XYZ	64.3529, 77.4672, 41.6979
YIQ	221.1450, 14.4480, -30.5760

Conversions

Conversions Part 2

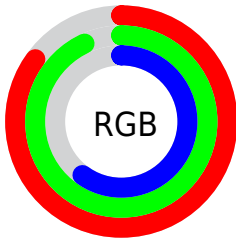
Format	Color
RYB	153, 237, 174
Decimal	14216601
CIELab	90.54, -20.16, 38.44
CIElCh	91, 43.409, 117.670
Yxy	77.4672, 0.3507, 0.4221
Android (android.graphics.Color)	4292406681 (0xFFD8ED99)
YUV	221.1450, -33.5955, -4.5122
Hunter-Lab	88.0155, -23.5161, 33.5218

Details

The Hex color **D8ED99** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **AE99ED**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFD0**, and **A0B565** is the 20% darker color. If you saturate the color by 10%, you get **D2ED81**, and if you desaturate by 10%, it is **DEEDB1**.

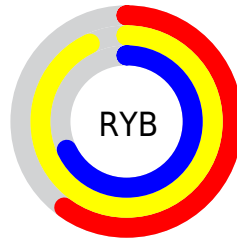
Distribution



Red (85%)

Green (93%)

Blue (60%)



Red (60%)

Yellow (93%)

Blue (68%)

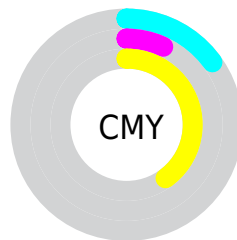


Cyan (9%)

Magenta (0%)

Yellow (35%)

Black (7%)



Cyan (15%)

Magenta (7%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8ED99 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 D8ED99 by changing the saturation by 10% instead.

 D8ED99

 D8ED99

FFFFFF

 BCD17E

 FFFFD0

 A0B565

 FFFFED

 859A4C

 6B8033

 51671B

 394F00

 223800

 052300

 000400

 D8ED99

 D8ED99

 D2ED81

 DEEDB1

 CCED6A

 E4EDC8

 C6ED52

 EAEDE0

 C0ED3A

 F0EDF8

 BAED23

 F6EDFF

 B4ED0B

 FCEDFF

 B2ED00

 FFEDFF

Harmonies

Analogous

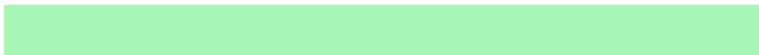
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE090



D8ED99



A7F6B6

Triad

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



D8ED99



63F4FF



FFC4E9

Complementary

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



D8ED99



AE99ED

Split Complementary

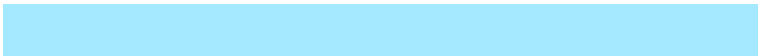
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCCFF



D8ED99



A4E9FF

Square

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



D8ED99



4BFAFF



E5DAFF



FFC7BF

Rectangle

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



D8ED99



85F9D1



E5DAFF



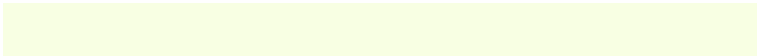
FFC6F7

Sweetspot

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



D8ED99



F8FFE3



EDAE99



7B806F



000000



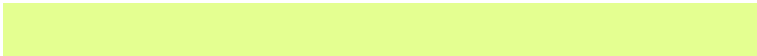
808080

Same Dimension

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



D8ED99



E4FF91



AEED99



72756A



88B500



283600

Inverse Universe

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



AE99ED



AD91FF



D899ED



6D6A75



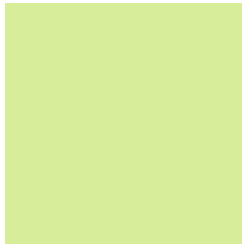
2D00B5



0D0036

Previews

White Background



This preview shows how the Hex color D8ED99 looks on a white background.

Color Contrast Check

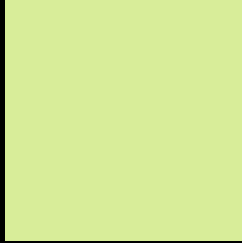
Large Text (above 18pt) WCAG AA × Fail

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 D8ED99 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

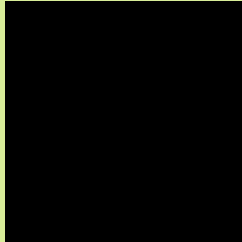
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

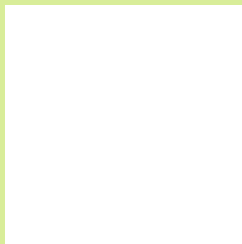
Any Text WCAG AAA ✓ Pass

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

Hex D8ED99 Background



This preview shows how black text looks on a background with the Hex color D8ED99.

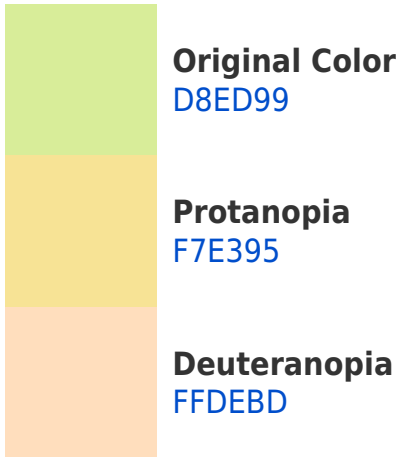


This preview shows how white text looks on a background with the Hex color D8ED99.

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](#).

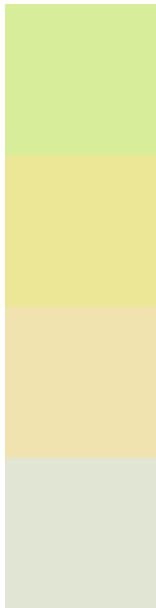
Dichromacy





Tritanopia
E4E2F4

Trichromacy



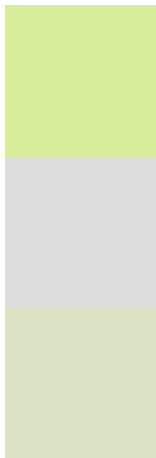
Original Color
D8ED99

Protanomaly
ECE796

Deuteranomaly
F1E3B0

Tritanomaly
E0E6D3

Monochromacy



Original Color
D8ED99

Achromatopsia
DDDDDD

Achromatomaly
DBE3C4

CSS Examples

Text

The CSS property to change the color of the text to Hex D8ED99 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 #D8ED99 looks like.

```
.text, #text, p{  
    color:#D8ED99  
}
```

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 #D8ED99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8ED99
}
```

Border

The CSS property to change the border of an element to Hex D8ED99 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
#D8ED99 }
```

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

```
.border{ border-color:#D8ED99 }
```

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

Here you see how a box with a 4 pixel #D8ED99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8ED99; -webkit-box-shadow:4px 4px  
4px 4px #D8ED99; box-shadow:4px 4px 4px  
4px #D8ED99 }
```

Background

The CSS property to change the background color of an element to Hex D8ED99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8ED99 }
```

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

```
.background{ background-color:#D8ED99 }
```

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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