

Converting Colors

Hex(D4ED99)

Have a look what the booklet for
Hex(D4ED99) contains.

Hex(D4ED99)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D4ED99)

Conversions

Conversions Part 1

Format	Color
Hex	D4ED99
RGB	212, 237, 153
RGB Percent	83%, 93%, 60%
CMY	0.1686, 0.0706, 0.4000
CMYK	0.11, 0.00, 0.35, 0.07
HSL	78°, 70%, 76%
HSV	78°, 35%, 93%
XYZ	63.1853, 76.8653, 41.6433
YIQ	219.9490, 12.0640, -31.4240

Conversions

Conversions Part 2

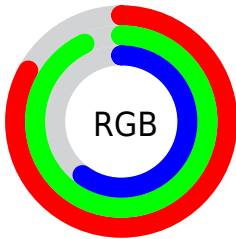
Format	Color
RYB	153, 237, 178
Decimal	13954457
CIELab	90.26, -21.64, 38.03
CIELCh	90, 43.756, 119.637
Yxy	76.8653, 0.3478, 0.4230
Android (android.graphics.Color)	4292144537 (0xFFD4ED99)
YUV	219.9490, -33.0059, -6.9713
Hunter-Lab	87.6729, -24.7836, 33.2092

Details

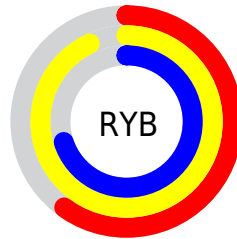
The Hex color **D4ED99** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B299ED**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFD0**, and **9CB565** is the 20% darker color. If you saturate the color by 10%, you get **CDED81**, and if you desaturate by 10%, it is **DBEDB1**.

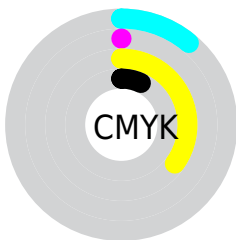
Distribution



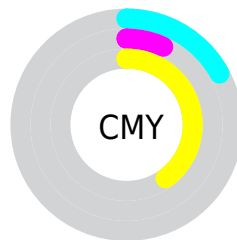
- Red (83%)
- Green (93%)
- Blue (60%)



- Red (60%)
- Yellow (93%)
- Blue (70%)



- Cyan (11%)
- Magenta (0%)
- Yellow (35%)
- Black (7%)



- Cyan (17%)
- Magenta (7%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4ED99 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 D4ED99 by changing the saturation by 10% instead.

 D4ED99

FFFFFF

 FFFFD0

 FFFFED

 D4ED99

 B8D17E

 9CB565

 819A4C

 678033

 4E671B

 354F00

 1E3800

 002300

 000200

 D4ED99

 D4ED99

 CEDED81

 DBEDB1

 C6ED6A

 E2EDC8

 BFEED52

 E9EDE0

 B8ED3A

 F0EDF8

 B1ED23

 F7EDFF

 AAED0B

 FEEDFF

 A6ED00

 FFEDFF

Harmonies

Analogous

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



FFE08F



D4ED99



A2F6B7

Triad

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



D4ED99



64F3FF



FFC3E5

Complementary

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



D4ED99



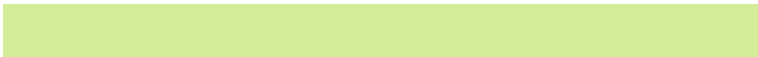
B299ED

Split Complementary

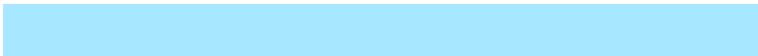
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCAFF



D4ED99



A7E7FF

Square

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



D4ED99



46F9FF



E7D8FF



FFC6BC

Rectangle

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



D4ED99



7FF9D3



E7D8FF



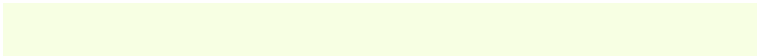
FFC4F3

Sweetspot

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



D4ED99



F7FFE3



EDB199



7B806F



000000



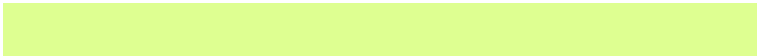
808080

Same Dimension

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



D4ED99



DEFF91



ABED99



72756A



7FB500



263600

Inverse Universe

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



B299ED



B291FF



DB99ED



6D6A75



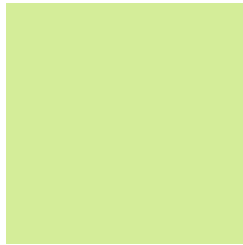
3600B5



100036

Previews

White Background



This preview shows how the Hex color D4ED99 looks on a white background.

Color Contrast Check

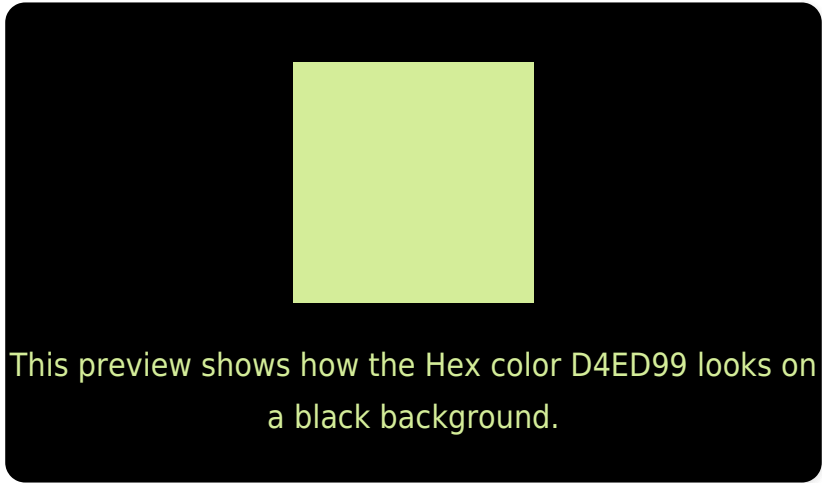
Large Text (above 18pt) WCAG AA × Fail

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

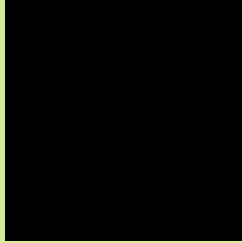
Any Text WCAG AA ✓ Pass

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 D4ED99 Background



This preview shows how black text looks on a background with the Hex color D4ED99.

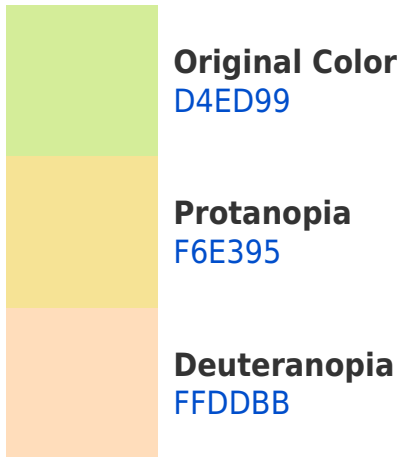


This preview shows how white text looks on a background with the Hex color D4ED99.

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](#).

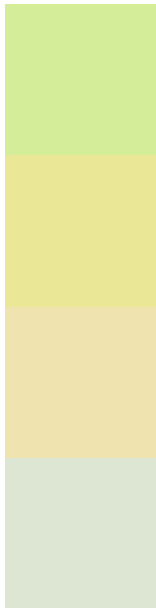
Dichromacy





Tritanopia
E0E2F4

Trichromacy



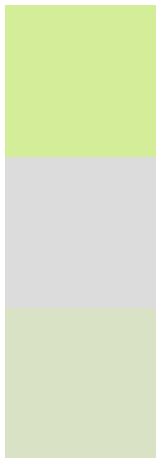
Original Color
D4ED99

Protanomaly
EAE796

Deuteranomaly
EFE3AF

Tritanomaly
DCE6D3

Monochromacy



Original Color
D4ED99

Achromatopsia
DCDCDC

Achromatomaly
D9E2C4

CSS Examples

Text

The CSS property to change the color of the text to Hex D4ED99 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 #D4ED99 looks like.

```
.text, #text, p{  
    color:#D4ED99  
}
```

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 #D4ED99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4ED99
}
```

Border

The CSS property to change the border of an element to Hex D4ED99 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
#D4ED99 }
```

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

```
.border{ border-color:#D4ED99 }
```

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

Here you see how a box with a 4 pixel #D4ED99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4ED99; -webkit-box-shadow:4px 4px  
4px 4px #D4ED99; box-shadow:4px 4px 4px  
4px #D4ED99 }
```

Background

The CSS property to change the background color of an element to Hex D4ED99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4ED99 }
```

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

```
.background{ background-color:#D4ED99 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor