

Converting Colors

Hex(CDE78B)

Have a look what the booklet for
Hex(CDE78B) contains.

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Color

Hex(CDE78B)

Conversions

Conversions Part 1

Format	Color
Hex	CDE78B
RGB	205, 231, 139
RGB Percent	80%, 91%, 55%
CMY	0.1961, 0.0941, 0.4549
CMYK	0.11, 0.00, 0.40, 0.09
HSL	77°, 66%, 73%
HSV	77°, 40%, 91%
XYZ	58.4130, 71.9950, 35.2438
YIQ	212.7380, 14.0360, -34.1240

Conversions

Conversions Part 2

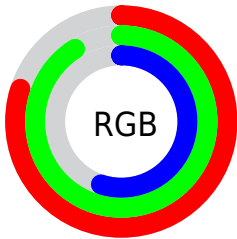
Format	Color
RYB	139, 231, 165
Decimal	13494155
CIELab	87.97, -23.03, 41.93
CIElCh	88, 47.838, 118.775
Yxy	71.9950, 0.3526, 0.4346
Android (android.graphics.Color)	4291684235 (0xFFCDE78B)
YUV	212.7380, -36.3528, -6.7862
Hunter-Lab	84.8499, -25.6031, 34.7678

Details

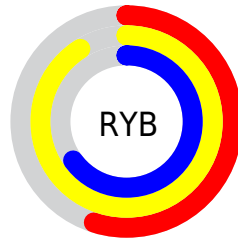
The Hex color **CDE78B** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **A58BE7**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFC2**, and **95AF57** is the 20% darker color. If you saturate the color by 10%, you get **C6E774**, and if you desaturate by 10%, it is **D4E7A2**.

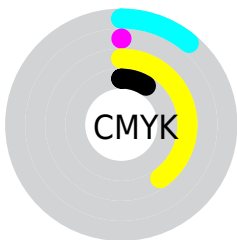
Distribution



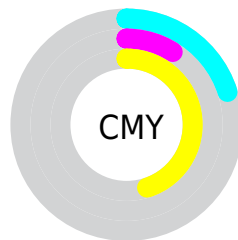
- Red (80%)
- Green (91%)
- Blue (55%)



- Red (55%)
- Yellow (91%)
- Blue (65%)



- Cyan (11%)
- Magenta (0%)
- Yellow (40%)
- Black (9%)



- Cyan (20%)
- Magenta (9%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDE78B 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 CDE78B by changing the saturation by 10% instead.

 CDE78B

FFFFFF

 FFFFC2

 FFFFDE

 FFFFFB

 CDE78B

 B1CB71

 95AF57

 7B953E

 607B25

 476208

 2E4A00

 153300

 001F00

 000000

 CDE78B

 CDE78B

 C6E774

 D4E7A2

 C0E75D

 DAE7B9

 B9E746

 E1E7D0

 B3E72F

 E7E7E7

 ACE717

 EEE7FE

 A6E700

 F4E7FF

 FBE7FF

 FFE7FF

Harmonies

Analogous

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



FCD981



CDE78B



97F0AC

Triad

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



CDE78B



37EEFF



FFB9E0

Complementary

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



CDE78B



A58BE7

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.



FFC2FF



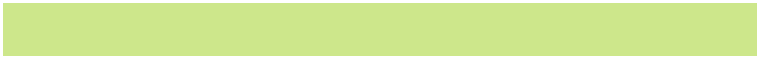
CDE78B



95E2FF

Square

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



CDE78B



00F4FF



DFD2FF



FFBCB3

Rectangle

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



CDE78B



6DF4C9



DFD2FF



FFBBF0

Sweetspot

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



CDE78B



F6FFE0



E7A48B



7A806E



000000



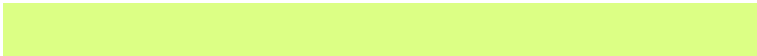
808080

Same Dimension

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



CDE78B



DCFF85



A0E78B



707367



80B300



253300

Inverse Universe

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



A58BE7



A785FF



D28BE7



6B6773



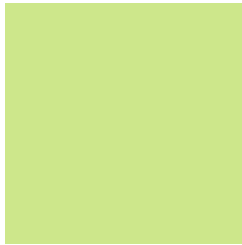
3200B3



0E0033

Previews

White Background



This preview shows how the Hex color CDE78B 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 CDE78B 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 CDE78B Background



This preview shows how black text looks on a background with the Hex color CDE78B.

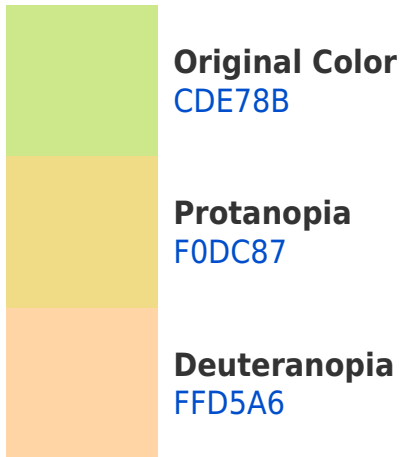


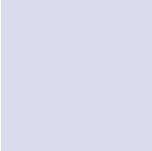
This preview shows how white text looks on a background with the Hex color CDE78B.

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](#).

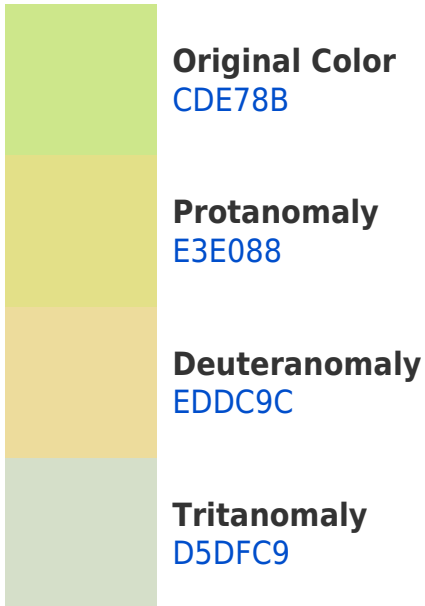
Dichromacy



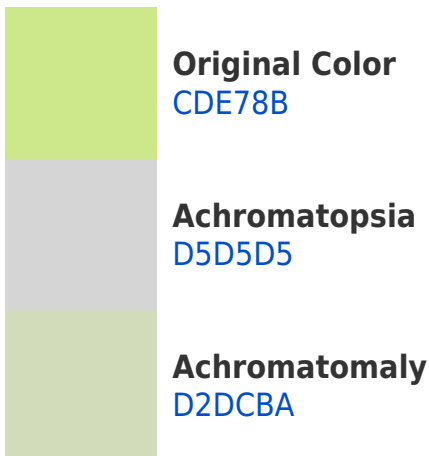


Tritanopia
DADBED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDE78B 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 #CDE78B looks like.

```
.text, #text, p{  
    color:#CDE78B  
}
```

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 #CDE78B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDE78B
}
```

Border

The CSS property to change the border of an element to Hex CDE78B 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
#CDE78B }
```

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

```
.border{ border-color:#CDE78B }
```

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

Here you see how a box with a 4 pixel #CDE78B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDE78B; -webkit-box-shadow:4px 4px  
4px 4px #CDE78B; box-shadow:4px 4px 4px  
4px #CDE78B }
```

Background

The CSS property to change the background color of an element to Hex CDE78B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDE78B }
```

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

```
.background{ background-color:#CDE78B }
```

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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