

Converting Colors

Hex(CDE08C)

Have a look what the booklet for
Hex(CDE08C) contains.

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Color

Hex(CDE08C)

Conversions

Conversions Part 1

Format	Color
Hex	CDE08C
RGB	205, 224, 140
RGB Percent	80%, 88%, 55%
CMY	0.1961, 0.1216, 0.4510
CMYK	0.08, 0.00, 0.37, 0.12
HSL	74°, 58%, 71%
HSV	74°, 37%, 88%
XYZ	56.5661, 68.1839, 34.9904
YIQ	208.7430, 15.6400, -30.1520

Conversions

Conversions Part 2

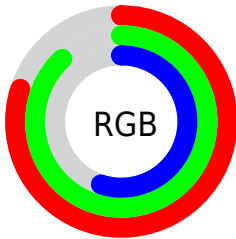
Format	Color
RYB	140, 224, 159
Decimal	13492364
CIELab	86.10, -19.50, 39.04
CIELCh	86, 43.641, 116.547
Yxy	68.1839, 0.3541, 0.4268
Android (android.graphics.Color)	4291682444 (0xFFCDE08C)
YUV	208.7430, -33.8903, -3.2826
Hunter-Lab	82.5735, -22.2242, 32.6774

Details

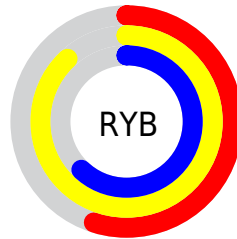
The Hex color **CDE08C** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9F8CE0**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFC2**, and **96A958** is the 20% darker color. If you saturate the color by 10%, you get **C8E076**, and if you desaturate by 10%, it is **D2E0A2**.

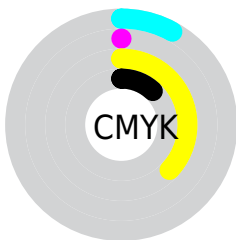
Distribution



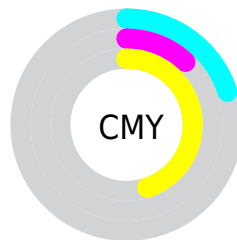
- Red (80%)
- Green (88%)
- Blue (55%)



- Red (55%)
- Yellow (88%)
- Blue (62%)



- Cyan (8%)
- Magenta (0%)
- Yellow (37%)
- Black (12%)



- Cyan (20%)
- Magenta (12%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDE08C 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 CDE08C by changing the saturation by 10% instead.

 CDE08C

 CDE08C

FFFFFF

 B1C472

 FFFFC2

 96A958

 FFFFDF

 7B8E40

 FFFFFC


 617527

 485C0D

 304400

 172E00

 001B00

 000000

 CDE08C

 CDE08C

 C8E076

 D2E0A2

 C3E05F

 D7E0B9

 BEE049

 DCE0CF

 B9E032

 E1E0E6

 B4E01C

 E6E0FC

 AFE006

 EBE0FF

 ADE000

 F0E0FF

 F6E0FF

 FBE0FF

Harmonies

Analogous

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



F7D384



CDE08C



9CE9A8

Triad

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



CDE08C



4EE7FF



FFB8DE

Complementary

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



CDE08C



9F8CE0

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.



FFC0FF



CDE08C



94DDFF

Square

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



CDE08C



34EDFB



D5CEFF



FFBAB4

Rectangle

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



CDE08C



79ECC3



D5CEFF



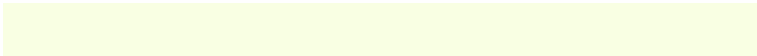
FFB9EC

Sweetspot

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



CDE08C



F9FFE3



E09E8C



7C806F



000000



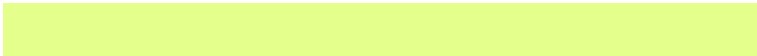
808080

Same Dimension

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



CDE08C



E5FF8C



A4E08C



6E7065



88B000



253000

Inverse Universe

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



9F8CE0



A68CFF



C88CE0



686570



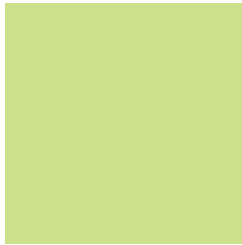
2800B0



0B0030

Previews

White Background



This preview shows how the Hex color CDE08C looks on a white background.

Color Contrast Check

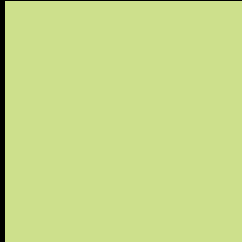
Large Text (above 18pt) WCAG AA × Fail

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 CDE08C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

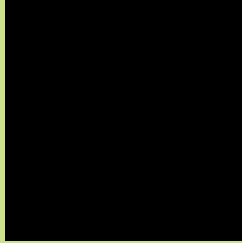
Any Text WCAG AA ✓ Pass

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 CDE08C Background



This preview shows how black text looks on a background with the Hex color CDE08C.

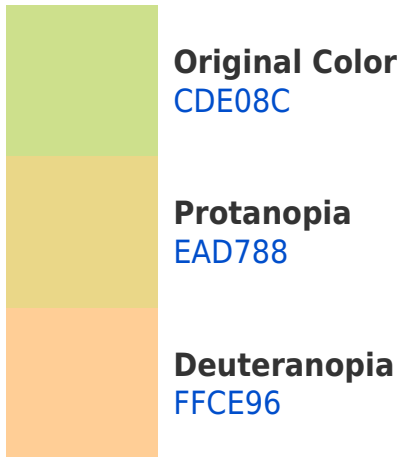


This preview shows how white text looks on a background with the Hex color CDE08C.

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](#).

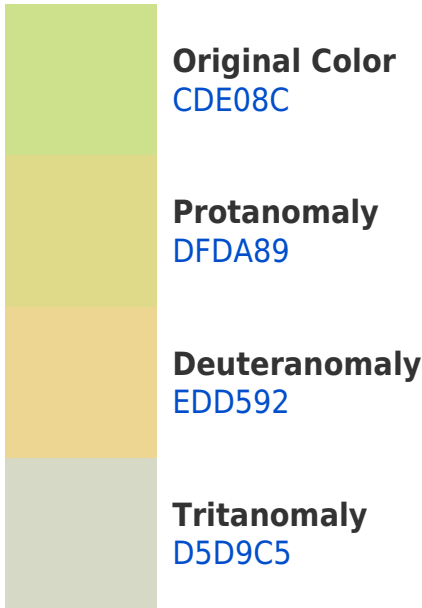
Dichromacy



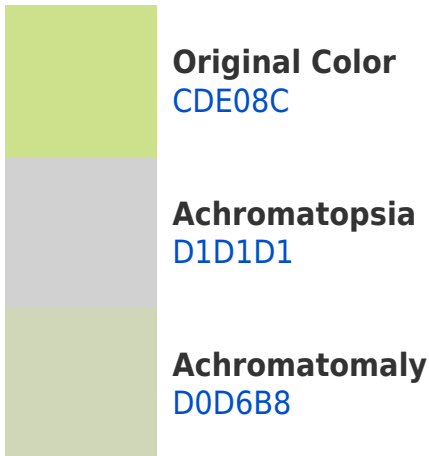


Tritanopia
D9D5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDE08C 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 #CDE08C looks like.

```
.text, #text, p{  
    color:#CDE08C  
}
```

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 #CDE08C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDE08C
}
```

Border

The CSS property to change the border of an element to Hex CDE08C 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
#CDE08C }
```

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

```
.border{ border-color:#CDE08C }
```

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

Here you see how a box with a 4 pixel #CDE08C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDE08C; -webkit-box-shadow:4px 4px  
4px 4px #CDE08C; box-shadow:4px 4px 4px  
4px #CDE08C }
```

Background

The CSS property to change the background color of an element to Hex CDE08C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDE08C }
```

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

```
.background{ background-color:#CDE08C }
```

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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