

Converting Colors

Hex(CEE6A1)

Have a look what the booklet for
Hex(CEE6A1) contains.

Hex(CEE6A1)	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(CEE6A1)

Conversions

Conversions Part 1

Format	Color
Hex	CEE6A1
RGB	206, 230, 161
RGB Percent	81%, 90%, 63%
CMY	0.1922, 0.0980, 0.3686
CMYK	0.10, 0.00, 0.30, 0.10
HSL	81°, 58%, 77%
HSV	81°, 30%, 90%
XYZ	60.1834, 72.2886, 44.4993
YIQ	214.9580, 7.8450, -26.5470

Conversions

Conversions Part 2

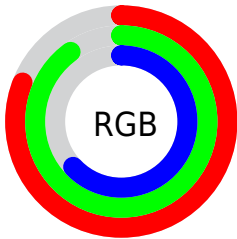
Format	Color
RYB	161, 230, 185
Decimal	13559457
CIELab	88.11, -19.38, 31.07
CIELCh	88, 36.625, 121.955
Yxy	72.2886, 0.3401, 0.4085
Android (android.graphics.Color)	4291749537 (0xFFCEE6A1)
YUV	214.9580, -26.6013, -7.8562
Hunter-Lab	85.0227, -22.4384, 28.4846

Details

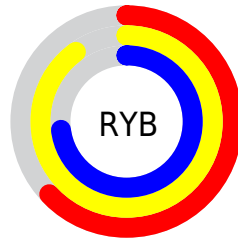
The Hex color **CEE6A1** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B9A1E6**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFD8**, and **97AE6D** is the 20% darker color. If you saturate the color by 10%, you get **C6E68A**, and if you desaturate by 10%, it is **D6E6B8**.

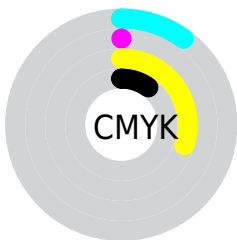
Distribution



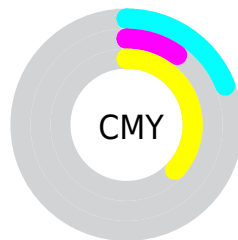
- Red (81%)
- Green (90%)
- Blue (63%)



- Red (63%)
- Yellow (90%)
- Blue (73%)



- Cyan (10%)
- Magenta (0%)
- Yellow (30%)
- Black (10%)



- Cyan (19%)
- Magenta (10%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEE6A1 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 CEE6A1 by changing the saturation by 10% instead.

 CEE6A1

 CEE6A1

FFFFFF

 B2CA86

 FFFFD8

 97AE6D

 FFFFF5

 7D9454

 637A3C

 4A6125

 32490D

 1D3200

 001E00

 000000

 CEE6A1

 CEE6A1

 C6E68A

 D6E6B8

 BEE673

 DEE6CF

 B6E65C

 E6E6E6

 AEE645

 EEE6FD

 A6E62E

 F6E6FF

 9EE617

 FEE6FF

 96E600

 FFE6FF

Harmonies

Analogous

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



F3DC97



CEE6A1



A5EDBB

Triad

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



CEE6A1



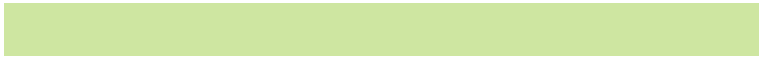
82E9FF



FFC3DC

Complementary

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



CEE6A1



B9A1E6

Split Complementary

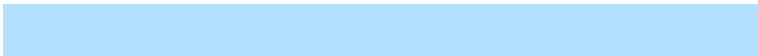
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC8FE



CEE6A1



B3E0FF

Square

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



CEE6A1



6CEFFF



E5D3FF



FFC6BA

Rectangle

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



CEE6A1



8BF0D2



E5D3FF



FFC4E8

Sweetspot

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



CEE6A1



F7FFE8



E6B8A1



7B8071



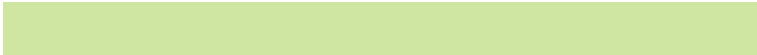
000000



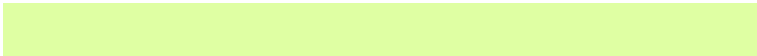
808080

Same Dimension

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



CEE6A1



DFFFA3



ADE6A1



6F7367



74B300



213300

Inverse Universe

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



B9A1E6



C3A3FF



DBA1E6



6B6773



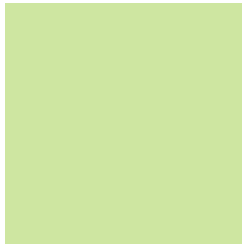
3E00B3



120033

Previews

White Background



This preview shows how the Hex color CEE6A1 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 CEE6A1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

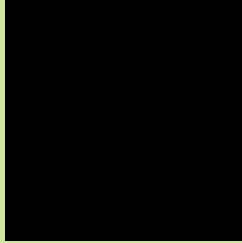
Any Text WCAG AA ✓ Pass

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 CEE6A1 Background



This preview shows how black text looks on a background with the Hex color CEE6A1.

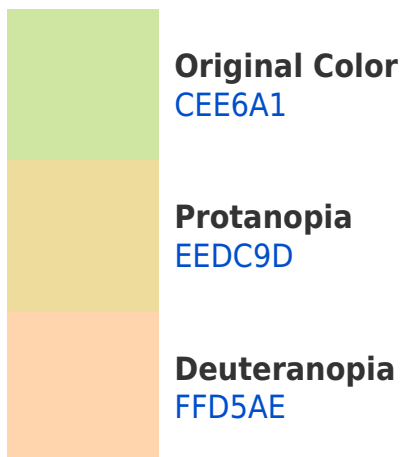


This preview shows how white text looks on a background with the Hex color CEE6A1.

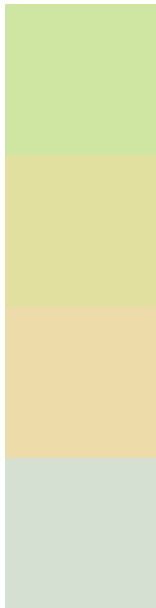
Color Blindness Simulation

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



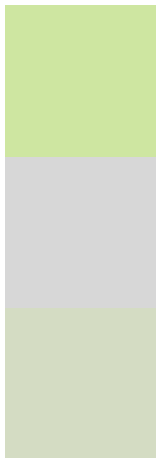
Original Color
CEE6A1

Protanomaly
E2E09E

Deuteranomaly
EDDBA9

Tritanomaly
D5E0D2

Monochromacy



Original Color
CEE6A1

Achromatopsia
D7D7D7

Achromatomaly
D4DCC3

CSS Examples

Text

The CSS property to change the color of the text to Hex CEE6A1 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 #CEE6A1 looks like.

```
.text, #text, p{  
    color:#CEE6A1  
}
```

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 #CEE6A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEE6A1
}
```

Border

The CSS property to change the border of an element to Hex CEE6A1 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
#CEE6A1 }
```

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

```
.border{ border-color:#CEE6A1 }
```

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

Here you see how a box with a 4 pixel #CEE6A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEE6A1; -webkit-box-shadow:4px 4px  
4px 4px #CEE6A1; box-shadow:4px 4px 4px  
4px #CEE6A1 }
```

Background

The CSS property to change the background color of an element to Hex CEE6A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEE6A1 }
```

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

```
.background{ background-color:#CEE6A1 }
```

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