

# Converting Colors

Hex(CECCE7)

Have a look what the booklet for  
Hex(CECCE7) contains.

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# **Color**

**Hex(CECCE7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CECCE7
RGB	206, 204, 231
RGB Percent	81%, 80%, 91%
CMY	0.1922, 0.2000, 0.0941
CMYK	0.11, 0.12, 0.00, 0.09
HSL	244°, 36%, 85%
HSV	244°, 12%, 91%
XYZ	61.4703, 62.0771, 84.3435
YIQ	207.6760, -7.4750, 8.8210

# Conversions

## Conversions Part 2

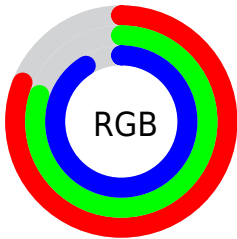
Format	Color
RYP	206, 204, 231
Decimal	13552871
CIELab	82.95, 5.87, -13.07
CIElCh	83, 14.324, 294.173
Yxy	62.0771, 0.2957, 0.2986
Android (android.graphics.Color)	4291742951 (0xFFCECCE7)
YUV	207.6760, 11.4987, -1.4699
Hunter-Lab	78.7890, 1.3829, -8.3176

# Details

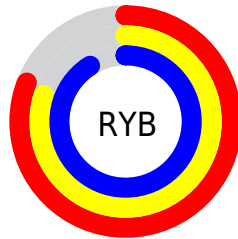
The Hex color **CECCE7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E5E7CC**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFFFF**, and **9896AF** is the 20% darker color. If you saturate the color by 10%, you get **B9B5E7**, and if you desaturate by 10%, it is **E3E3E7**.

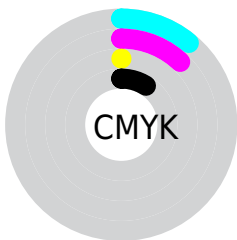
# Distribution



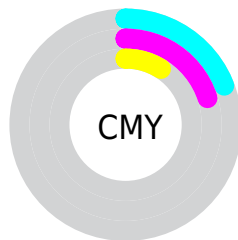
- Red (81%)
- Green (80%)
- Blue (91%)



- Red (81%)
- Yellow (80%)
- Blue (91%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (19%)
- Magenta (20%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CECCE7 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 CECCE7 by changing the saturation by 10% instead.



■ CECCE7

FFFFFF

■ CECCE7

■ B2B1CB

■ 9896AF

■ 7E7C95

■ 64637B

■ 4C4B62

■ 35354A

■ 202034

■ 0B081F

■ 000002

 CECCE7

 CECCE7

 B9B5E7

 E3E3E7

 A39EE7

 F9FAE7

 8E87E7

 FFFFE7


 7870E7

 6359E7

 4E41E7

 382AE7

 2313E7

 1100E7

# Harmonies

## Analogous

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



BDD1E9



CECCE7



DEC8DE

# Triad

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



CECCE7



E7C9B9



B2D6CB

# Complementary

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



CECCE7



E5E7CC

# 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.



BED5BE



CECCE7



DCCDB4

# Square

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



CECCE7



ECC6C4



CED1B6



ACD6D9

# Rectangle

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



CECCE7



E6C6D6



CED1B6



B5D6C7



# Sweetspot

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



CECCE7



F6F5FF



CCE5E7



7A7980



000000



808080



# Same Dimension

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



CECCE7



DEDBFF



DBCCE7



686773



0D00B3



040033



# Inverse Universe

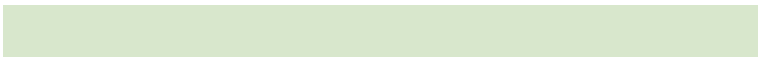
The Inverse Universe completely reimagines the original color for something new.



E7CCE5



FFDBFC



D8E7CC



736772



B300A5

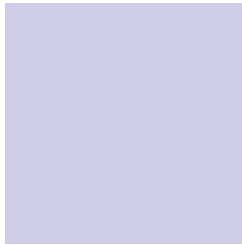


33002F



# Previews

## White Background



This preview shows how the Hex color CECCE7 looks on a white background.

## Color Contrast Check

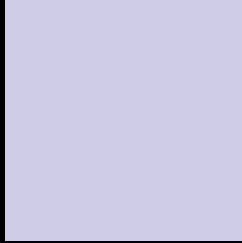
Large Text (above 18pt) WCAG AA × Fail

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 CECCE7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

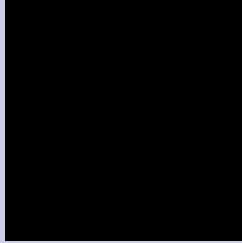
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CECCE7 Background



This preview shows how black text looks on a background with the Hex color CECCE7.

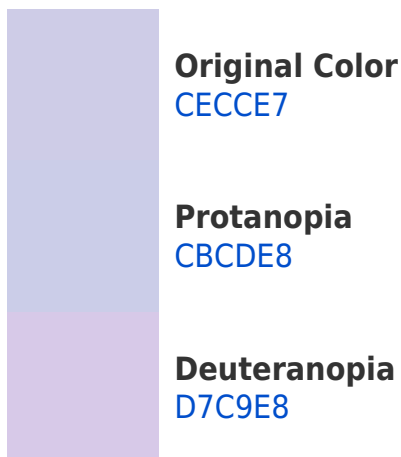


This preview shows how white text looks on a background with the Hex color CECCE7.

# 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**  
CECCE7

**Protanomaly**  
CCCDE8

**Deuteranomaly**  
D4CAE8

**Tritanomaly**  
CDCDE1

# Monochromacy



**Original Color**  
CECCE7

**Achromatopsia**  
D0D0D0

**Achromatomaly**  
CFCFD8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CECCE7 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 #CECCE7 looks like.

```
.text, #text, p{  
    color:#CECCE7  
}
```

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 #CECCE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CECCE7  
}
```

## Border

The CSS property to change the border of an element to Hex CECCE7 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  
#CECCE7 }
```

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

```
.border{ border-color:#CECCE7 }
```

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

Here you see how a box with a 4 pixel #CECCE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CECCE7; -webkit-box-shadow:4px 4px  
4px 4px #CECCE7; box-shadow:4px 4px 4px  
4px #CECCE7 }
```

# Background

The CSS property to change the background color of an element to Hex CECCE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CECCE7 }
```

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

```
.background{ background-color:#CECCE7 }
```

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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