

# Converting Colors

Hex(CEC2E3)

Have a look what the booklet for  
Hex(CEC2E3) contains.

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# Color

**Hex(CEC2E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEC2E3
RGB	206, 194, 227
RGB Percent	81%, 76%, 89%
CMY	0.1922, 0.2392, 0.1098
CMYK	0.09, 0.15, 0.00, 0.11
HSL	262°, 37%, 83%
HSV	262°, 15%, 89%
XYZ	58.6105, 57.2514, 80.6346
YIQ	201.3500, -3.4410, 12.8070

# Conversions

## Conversions Part 2

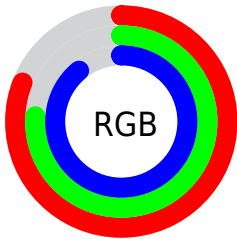
Format	Color
R <sub>Y</sub> B	206, 194, 227
Decimal	13550307
CIE <sub>Lab</sub>	80.32, 10.41, -14.88
CIE <sub>LCh</sub>	80, 18.154, 304.971
Y <sub>xy</sub>	57.2514, 0.2983, 0.2914
Android (android.graphics.Color)	4291740387 (0xFFCEC2E3)
YUV	201.3500, 12.6455, 4.0781
Hunter-Lab	75.6647, 5.8545, -10.2191

# Details

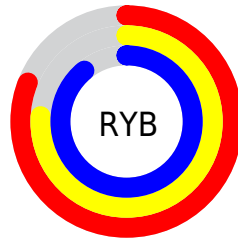
The Hex color **CEC2E3** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D7E3C2**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFAFF**, and **988CAC** is the 20% darker color. If you saturate the color by 10%, you get **C0ABE3**, and if you desaturate by 10%, it is **DCD9E3**.

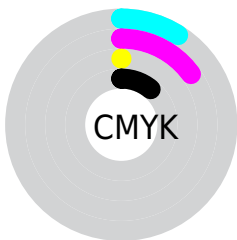
# Distribution



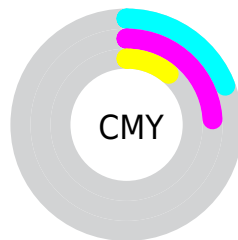
- Red (81%)
- Green (76%)
- Blue (89%)



- Red (81%)
- Yellow (76%)
- Blue (89%)



- Cyan (9%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (24%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEC2E3 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 CEC2E3 by changing the saturation by 10% instead.



 CEC2E3

 CEC2E3

FFFFFF

 B2A7C7

 FFFAFF

 988CAC

 7E7391

 645A77

 4C435F

 352D47

 1F1830

 0B001C

 000000

■ CEC2E3

■ CEC2E3

■ C0ABE3

■ DCD9E3

■ B195E3

■ EBEFE3

■ A37EE3

■ F9FFE3

■ 9467E3

■ FFFFE3

■ 8651E3

■ 773AE3

■ 6923E3

■ 5A0CE3

■ 5300E3

# Harmonies

## Analogous

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



B8C8E9



CEC2E3



E0BDD6

# Triad

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



CEC2E3



E1C1A9



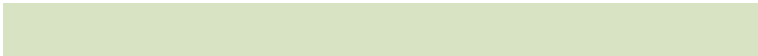
9ED1CA

# Complementary

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



CEC2E3



D7E3C2

# 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.



ACD0B8



CEC2E3



D2C7A6

# Square

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



CEC2E3



EABDB5



BFCCAB



9BD0DA

# Rectangle

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



CEC2E3



E8BCCB



BFCCAB



A2D1C4



# Sweetspot

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



CEC2E3



F9F5FF



C2D7E3



7B7980



000000



808080



# Same Dimension

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



CEC2E3



E3D4FF



DEC2E3



6B6773



4100B3



130033



# Inverse Universe

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



E3C2D7



FFD4EF



C7E3C2



73676F



B30072

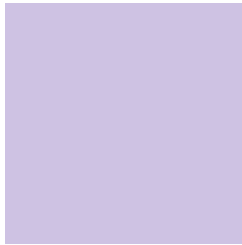


330020



# Previews

## White Background



This preview shows how the Hex color CEC2E3 looks on a white background.

## Color Contrast Check

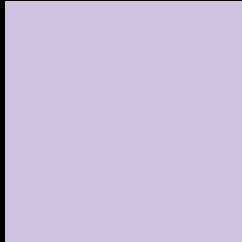
Large Text (above 18pt) WCAG AA × Fail

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 CEC2E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

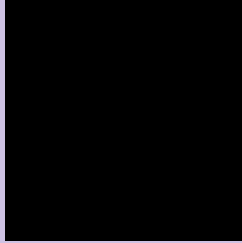
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CEC2E3 Background



This preview shows how black text looks on a background with the Hex color CEC2E3.

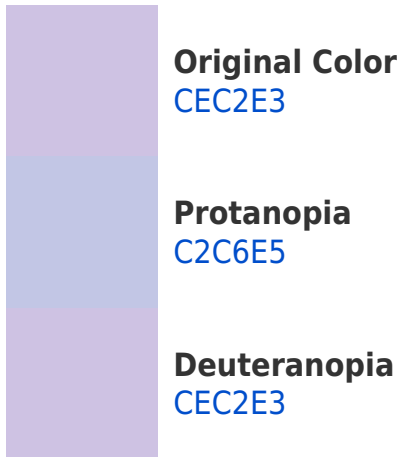


This preview shows how white text looks on a background with the Hex color CEC2E3.

# 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**  
CEC2E3

**Protanomaly**  
C6C5E4

**Deuteranomaly**  
CEC2E3

**Tritanomaly**  
CDC4D9

# Monochromacy



**Original Color**  
CEC2E3

**Achromatopsia**  
C9C9C9

**Achromatomaly**  
CBC6D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEC2E3 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 #CEC2E3 looks like.

```
.text, #text, p{  
    color:#CEC2E3  
}
```

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 #CEC2E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEC2E3  
}
```

## Border

The CSS property to change the border of an element to Hex CEC2E3 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  
#CEC2E3 }
```

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

```
.border{ border-color:#CEC2E3 }
```

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

Here you see how a box with a 4 pixel #CEC2E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEC2E3; -webkit-box-shadow:4px 4px  
4px 4px #CEC2E3; box-shadow:4px 4px 4px  
4px #CEC2E3 }
```

# Background

The CSS property to change the background color of an element to Hex CEC2E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEC2E3 }
```

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

```
.background{ background-color:#CEC2E3 }
```

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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