

Converting Colors

Hex(CCCDE2)

Have a look what the booklet for
Hex(CCCDE2) contains.

Hex(CCCDE2)	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(CCCDE2)

Conversions

Conversions Part 1

Format	Color
Hex	CCCDE2
RGB	204, 205, 226
RGB Percent	80%, 80%, 89%
CMY	0.2000, 0.1961, 0.1137
CMYK	0.10, 0.09, 0.00, 0.11
HSL	237°, 27%, 84%
HSV	237°, 10%, 89%
XYZ	60.4606, 61.9910, 80.7303
YIQ	207.0950, -7.3370, 6.3190

Conversions

Conversions Part 2

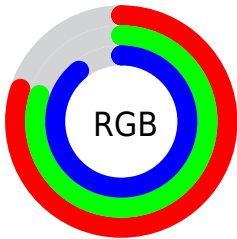
Format	Color
R_{YB}	204, 205, 226
Decimal	13422050
CIE Lab	82.91, 3.68, -10.49
CIE LCh	83, 11.114, 289.350
Yxy	61.9910, 0.2976, 0.3051
Android (android.graphics.Color)	4291612130 (0xFFCCCE2)
YUV	207.0950, 9.3202, -2.7143
Hunter-Lab	78.7344, -0.7138, -5.6790

Details

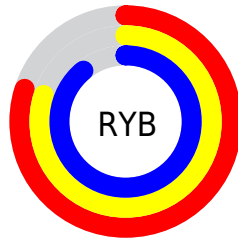
The Hex color **CCCDE2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E2E1CC**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFFFF**, and **9697AB** is the 20% darker color. If you saturate the color by 10%, you get **B5B7E2**, and if you desaturate by 10%, it is **E3E3E2**.

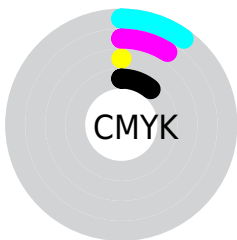
Distribution



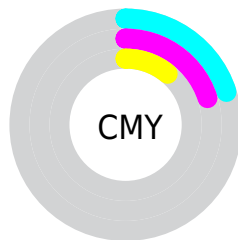
- Red (80%)
- Green (80%)
- Blue (89%)



- Red (80%)
- Yellow (80%)
- Blue (89%)



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCCDE2 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 CCCDE2 by changing the saturation by 10% instead.

■ CCCDE2

FFFFFF

■ CCCDE2

■ B1B2C6

■ 9697AB

■ 7C7D90

■ 636477

■ 4B4C5E

■ 343646

■ 1E2030

■ 08091B

■ 000000

■ CCCDE2

■ CCCDE2

■ B5B7E2

■ E3E3E2

■ 9FA2E2

■ F9F8E2

■ 888CE2

■ FFFFE2

■ 7277E2

■ 5B61E2

■ 444CE2

■ 2E36E2

■ 1720E2

■ 010BE2

Harmonies

Analogous

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



BFD0E3



CCCDE2



D9CADC

Triad

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



CCCDE2



E3C9BF



BAD4CA

Complementary

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



CCCDE2



E2E1CC

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.



C4D3C1



CCCDE2



DBCCBA

Square

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



CCCDE2



E5C8C8



D0D0BB



B5D5D5

Rectangle

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



CCCDE2



DFC8D6



D0D0BB



BDD4C7

Sweetspot

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



CCCDE2



F7F8FF



CCE2E1



7A7B80



000000



808080

Same Dimension

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



CCCDE2



E0E2FF



D6CCE2



656570



0008B0



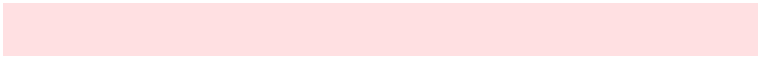
000230

Inverse Universe

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



E2CCCD



FFE0E2



D8E2CC



706565



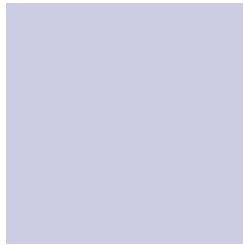
B00008



300002

Previews

White Background



This preview shows how the Hex color CCCDE2 looks on a white background.

Color Contrast Check

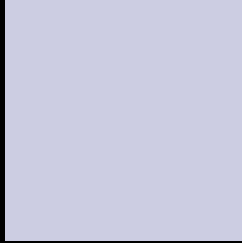
Large Text (above 18pt) WCAG AA × Fail

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 CCCDE2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

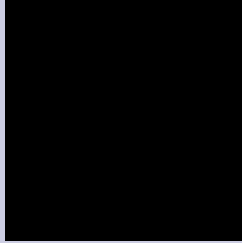
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

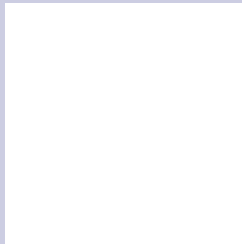
Any Text WCAG AAA ✓ Pass

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

Hex CCCDE2 Background



This preview shows how black text looks on a background with the Hex color CCCDE2.

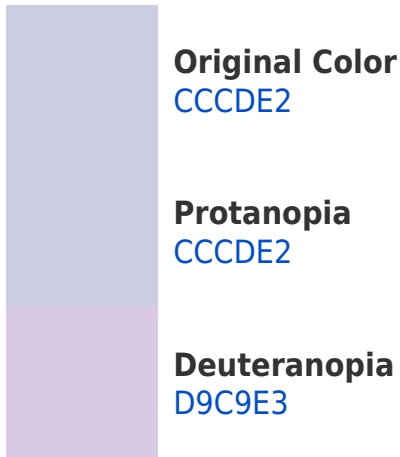


This preview shows how white text looks on a background with the Hex color CCCDE2.

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
CCCDE2

Protanomaly
CCCDE2

Deuteranomaly
D4CAE3

Tritanomaly
CBCEDF

Monochromacy



Original Color
CCCDE2

Achromatopsia
CFCFCF

Achromatomaly
CECED6

CSS Examples

Text

The CSS property to change the color of the text to Hex CCCDE2 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 #CCCDE2 looks like.

```
.text, #text, p{  
    color:#CCCDE2  
}
```

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 #CCCDE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCCDE2
}
```

Border

The CSS property to change the border of an element to Hex CCCDE2 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
#CCCDE2 }
```

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

```
.border{ border-color:#CCCDE2 }
```

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

Here you see how a box with a 4 pixel #CCCDE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCCDE2; -webkit-box-shadow:4px 4px  
4px 4px #CCCDE2; box-shadow:4px 4px 4px  
4px #CCCDE2 }
```

Background

The CSS property to change the background color of an element to Hex CCCDE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCCDE2 }
```

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

```
.background{ background-color:#CCCDE2 }
```

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