

Converting Colors

Hex(CDDDEF)

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

Hex(CDDDEF)	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(CDDDEF)

Conversions

Conversions Part 1

Format	Color
Hex	CDDDEF
RGB	205, 221, 239
RGB Percent	80%, 87%, 94%
CMY	0.1961, 0.1333, 0.0627
CMYK	0.14, 0.08, 0.00, 0.06
HSL	212°, 52%, 87%
HSV	212°, 14%, 94%
XYZ	66.6133, 70.9240, 91.8402
YIQ	218.2680, -15.3140, 2.2060

Conversions

Conversions Part 2

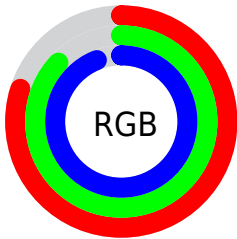
Format	Color
R _Y B	205, 216, 239
Decimal	13491695
CIE Lab	87.45, -1.77, -10.61
CIE LCh	87, 10.755, 260.548
Yxy	70.9240, 0.2904, 0.3092
Android (android.graphics.Color)	4291681775 (0xFFCDDDEF)
YUV	218.2680, 10.2209, -11.6360
Hunter-Lab	84.2164, -6.1892, -5.7058

Details

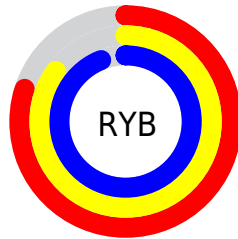
The Hex color **CDDDEF** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **EFDLCD**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFFF**, and **97A6B7** is the 20% darker color. If you saturate the color by 10%, you get **B5D0EF**, and if you desaturate by 10%, it is **E5EAEF**.

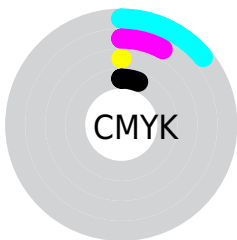
Distribution



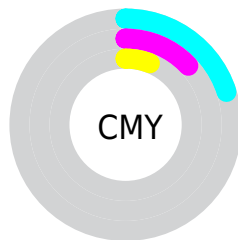
- Red (80%)
- Green (87%)
- Blue (94%)



- Red (80%)
- Yellow (85%)
- Blue (94%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (6%)



- Cyan (20%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

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

■ CDDDEF

FFFFFF

■ CDDDEF

■ B1C1D3

■ 97A6B7

■ 7C8C9C

■ 637282

■ 4B5A69

■ 344251

■ 1E2C3A

■ 081824

■ 00010F

 CDDDEF

 CDDDEF

 B5D0EF

 E5EAEF

 9DC4EF

 FDF6EF

 85B7EF

 FFFFEF

 6DAAEF

 569EEF

 3E91EF

 2684EF

 0E78EF

 0070EF

Harmonies

Analogous

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



C4E0EB



CDDDEF



D9DAEE

Triad

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



CDDDEF



F2D5D4



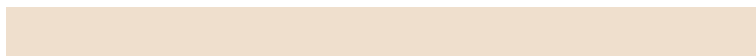
D0DFCE

Complementary

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



CDDDEF



EFDLCD

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.



DCDDC8



CDDDEF



EFD6CC

Square

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



CDDDEF



EED5DF



E7D9C7



C7E1D7

Rectangle

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



CDDDEF



E2D7EB



E7D9C7



D4DFCB

Sweetspot

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



CDDDEF



F5FAFF



CDEFDF



797C80



000000



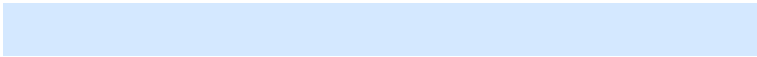
808080

Same Dimension

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



CDDDEF



D4E8FF



CECDEF



6C7278



0056B8



001A38

Inverse Universe

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



EFCDDD



FFD4E8



EEEFCD



786C72



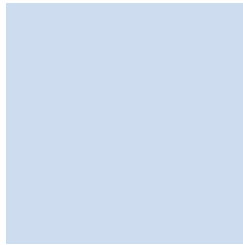
B80056



38001A

Previews

White Background



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

Color Contrast Check

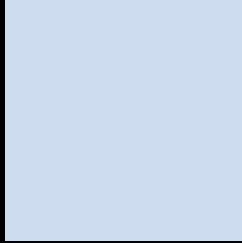
Large Text (above 18pt) WCAG AA × Fail

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 CDDDEF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

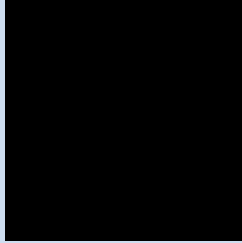
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

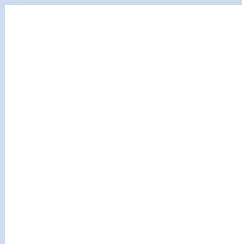
Any Text WCAG AAA ✓ Pass

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

Hex CDDDEF Background



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

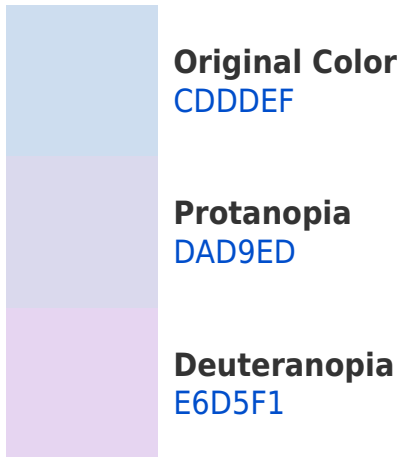


This preview shows how white text looks on a background with the Hex color CDDDEF.

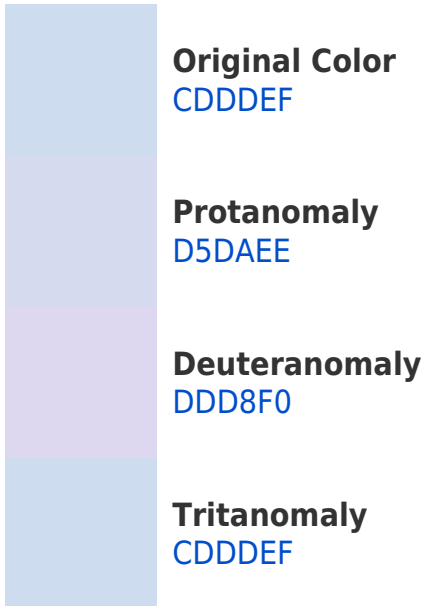
Color Blindness Simulation

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](#).

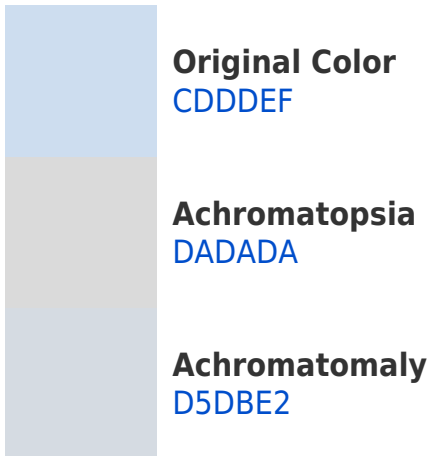
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #CDDDEF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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