

# Converting Colors

Hex(CFDAE6)

Have a look what the booklet for  
Hex(CFDAE6) contains.

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# **Color**

**Hex(CFDAE6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CFDAE6
RGB	207, 218, 230
RGB Percent	81%, 85%, 90%
CMY	0.1882, 0.1451, 0.0980
CMYK	0.10, 0.05, 0.00, 0.10
HSL	211°, 32%, 86%
HSV	211°, 10%, 90%
XYZ	65.0865, 69.1214, 84.7742
YIQ	216.0790, -10.4080, 1.4000

# Conversions

## Conversions Part 2

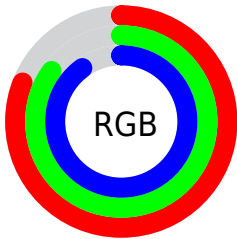
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 214, 230
Decimal	13621990
CIE Lab	86.56, -1.38, -7.16
CIE LCh	87, 7.288, 259.121
Yxy	69.1214, 0.2972, 0.3156
Android (android.graphics.Color)	4291812070 (0xFFCFDAE6)
YUV	216.0790, 6.8631, -7.9623
Hunter-Lab	83.1393, -5.7531, -2.2585

# Details

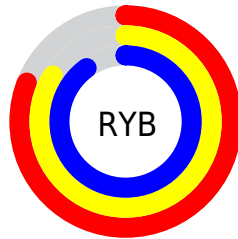
The Hex color **CFDAE6** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E6DBCf**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **99A3AF** is the 20% darker color. If you saturate the color by 10%, you get **B8CEE6**, and if you desaturate by 10%, it is **E6E6E6**.

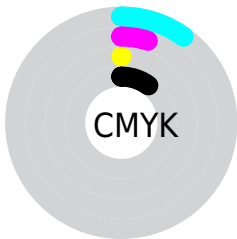
# Distribution



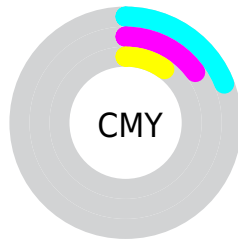
- Red (81%)
- Green (85%)
- Blue (90%)



- Red (81%)
- Yellow (84%)
- Blue (90%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (19%)
- Magenta (15%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFDAE6 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 CFDAE6 by changing the saturation by 10% instead.



■ CFDAE6

FFFFFF

■ CFDAE6

■ B3BECA

■ 99A3AF

■ 7F8994

■ 65707A

■ 4D5761

■ 36404A

■ 212A33

■ 0B161E

■ 000003

CFDAE6

CFDAE6

B8CEE6

E6E6E6

A1C2E6

FDF2E6

8AB6E6

FFFEE6

73AAE6

FFFFE6

5C9EE6

4592E6

2E86E6

177AE6

006EE6

# Harmonies

## Analogous

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



C9DCE3



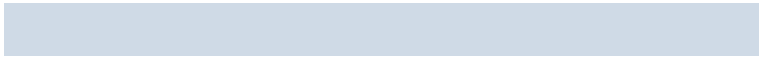
CFDAE6



D7D8E6

# Triad

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



CFDAE6



E8D4D4



D2DCCF

# Complementary

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



CFDAE6



E6DBC6

# 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.



DADACC



CFDAE6



E6D5CE

# Square

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



CFDAE6



E6D4DB



E1D7CB



CBDD6

# Rectangle

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



CFDAE6



DDD6E3



E1D7CB



D4DBCE



# Sweetspot

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



CFDAE6



F7FBFF



CFE6DB



7A7D80



000000



808080

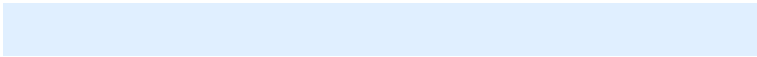


# Same Dimension

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



CFDAE6



E0EFFF



CFCFE6



676D73



0055B3



001833



# Inverse Universe

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



E6CFDA



FFE0EF



E6E6CF



73676D



B30055

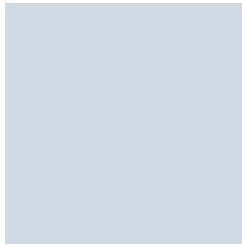


330018



# Previews

## White Background



This preview shows how the Hex color CFDAE6 looks on a white background.

## Color Contrast Check

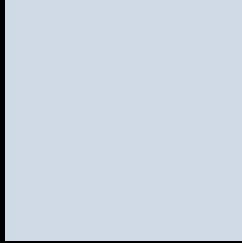
Large Text (above 18pt) WCAG AA × Fail

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 CFDAE6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

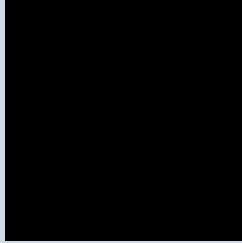
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

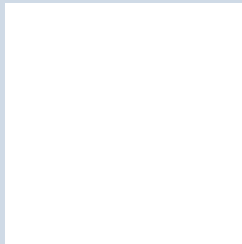
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CFDAE6 Background



This preview shows how black text looks on a background with the Hex color CFDAE6.

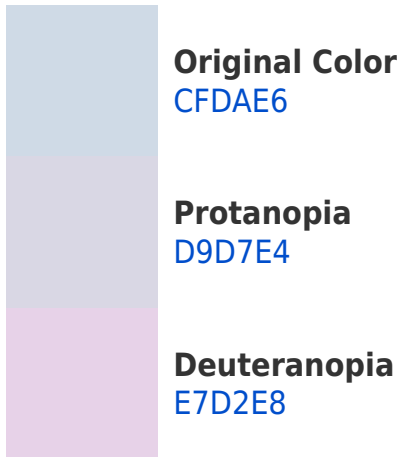


This preview shows how white text looks on a background with the Hex color CFDAE6.

# 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](#).

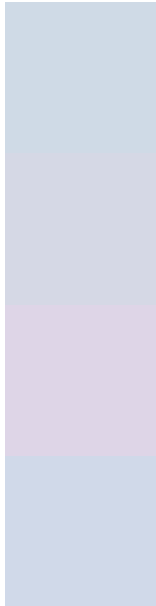
## Dichromacy





**Tritanopia**  
D0D9EB

# Trichromacy



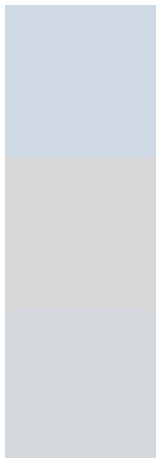
**Original Color**  
CFDAE6

**Protanomaly**  
D5D8E5

**Deuteranomaly**  
DED5E7

**Tritanomaly**  
D0D9E9

# Monochromacy



**Original Color**  
CFDAE6

**Achromatopsia**  
D8D8D8

**Achromatomaly**  
D5D9DD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFDAE6 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 #CFDAE6 looks like.

```
.text, #text, p{  
    color:#CFDAE6  
}
```

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 #CFDAE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFDAE6  
}
```

## Border

The CSS property to change the border of an element to Hex CFDAE6 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  
#CFDAE6 }
```

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

```
.border{ border-color:#CFDAE6 }
```

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

Here you see how a box with a 4 pixel #CFDAE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFDAE6; -webkit-box-shadow:4px 4px  
4px 4px #CFDAE6; box-shadow:4px 4px 4px  
4px #CFDAE6 }
```

# Background

The CSS property to change the background color of an element to Hex CFDAE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFDAE6 }
```

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

```
.background{ background-color:#CFDAE6 }
```

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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