

# Converting Colors

Hex(CFE6E6)

Have a look what the booklet for  
Hex(CFE6E6) contains.

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# Color

**Hex(CFE6E6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CFE6E6
RGB	207, 230, 230
RGB Percent	81%, 90%, 90%
CMY	0.1882, 0.0980, 0.0980
CMYK	0.10, 0.00, 0.00, 0.10
HSL	180°, 32%, 86%
HSV	180°, 10%, 90%
XYZ	68.3119, 75.5722, 85.8494
YIQ	223.1230, -13.7080, -4.8760

# Conversions

## Conversions Part 2

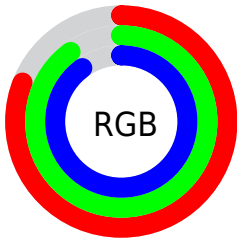
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 219, 230
Decimal	13625062
CIE <sub>Lab</sub>	89.66, -7.56, -2.59
CIE <sub>LCh</sub>	90, 7.991, 198.936
Yxy	75.5722, 0.2974, 0.3290
Android (android.graphics.Color)	4291815142 (0xFFCFE6E6)
YUV	223.1230, 3.3904, -14.1399
Hunter-Lab	86.9323, -11.8652, 2.3011

# Details

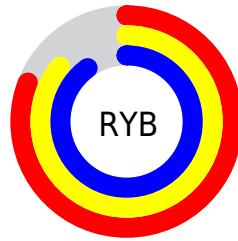
The Hex color **CFE6E6** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E6CFCF**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFFF**, and **99AFAF** is the 20% darker color. If you saturate the color by 10%, you get **B8E6E6**, and if you desaturate by 10%, it is **E6E6E6**.

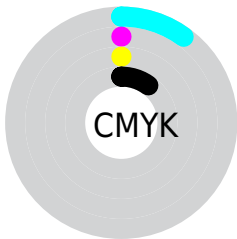
# Distribution



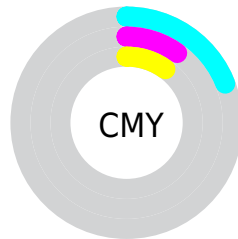
- Red (81%)
- Green (90%)
- Blue (90%)



- Red (81%)
- Yellow (86%)
- Blue (90%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color CFE6E6 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 CFE6E6 by changing the saturation by 10% instead.



 CFE6E6

FFFFFF

 CFE6E6

 B3CACA

 99AFAF

 7E9494

 657A7A

 4D6161

 36494A

 203333

 0B1E1E

 000005

 CFE6E6

 CFE6E6

 B8E6E6

 E6E6E6

 A1E6E6

 FDE6E6

 8AE6E6

 FFE6E6

 73E6E6

 5CE6E6

 45E6E6

 2EE6E6

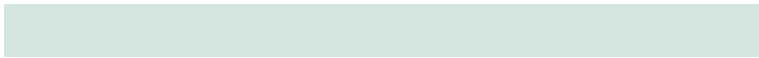
 17E6E6

 00E6E6

# Harmonies

## Analogous

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



D2E6DE



CFE6E6



D0E5ED

# Triad

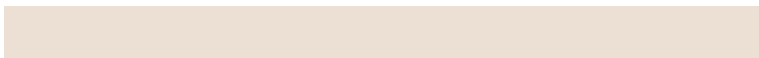
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CFE6E6



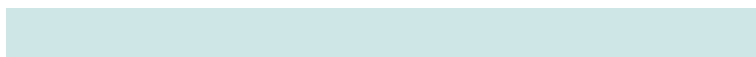
E9DEEB



EBE0D3

# Complementary

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



CFE6E6



E6CFCF

# 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.



F1DED6



CFE6E6



F0DDE5

# Square

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



CFE6E6



E0E0F0



F2DCDD



E3E2D3

# Rectangle

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



CFE6E6



D4E4EF



F2DCDD



EDDFD3



# Sweetspot

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



CFE6E6



F7FFFF



CFE6CF



7A8080



000000



808080



# Same Dimension

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



CFE6E6



E0FFFF



CFDBE6



677373



00B3B3



003333



# Inverse Universe

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



E6CFE6



FFE0FF



E6DBC F



736773



B300B3

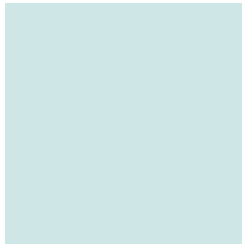


330033



# Previews

## White Background



This preview shows how the Hex color CFE6E6 looks on a white background.

## Color Contrast Check

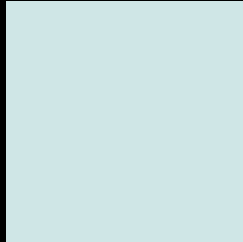
Large Text (above 18pt) WCAG AA × Fail

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 CFE6E6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

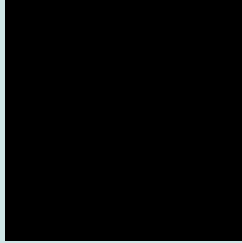
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

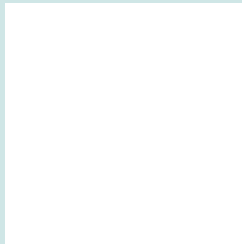
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CFE6E6 Background



This preview shows how black text looks on a background with the Hex color CFE6E6.

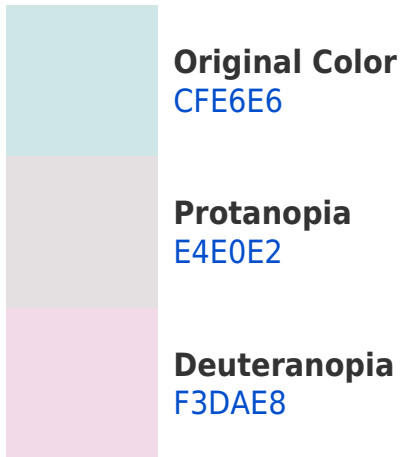


This preview shows how white text looks on a background with the Hex color CFE6E6.

# 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](#).

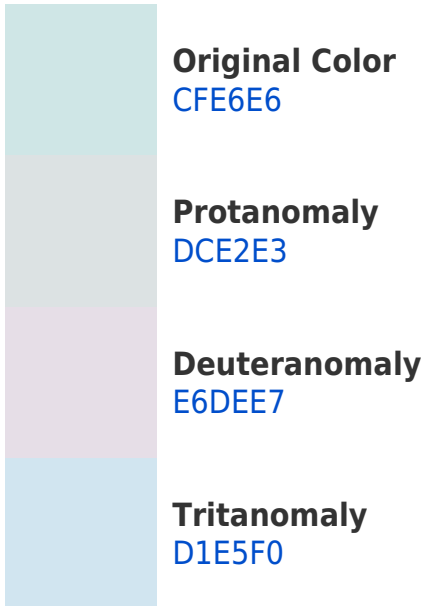
## Dichromacy



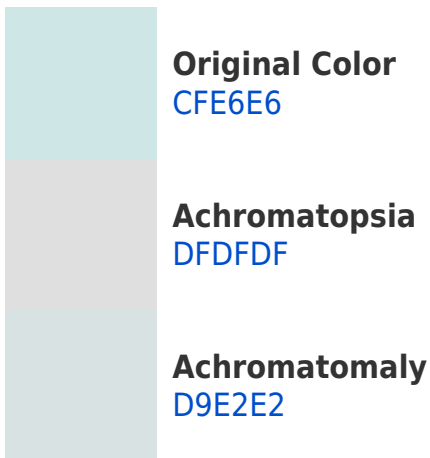


**Tritanopia**  
D2E4F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFE6E6 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 #CFE6E6 looks like.

```
.text, #text, p{  
    color:#CFE6E6  
}
```

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 #CFE6E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFE6E6
}
```

## Border

The CSS property to change the border of an element to Hex CFE6E6 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
#CFE6E6 }
```

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

```
.border{ border-color:#CFE6E6 }
```

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

Here you see how a box with a 4 pixel #CFE6E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFE6E6; -webkit-box-shadow:4px 4px  
4px 4px #CFE6E6; box-shadow:4px 4px 4px  
4px #CFE6E6 }
```

# Background

The CSS property to change the background color of an element to Hex CFE6E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFE6E6 }
```

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

```
.background{ background-color:#CFE6E6 }
```

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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