

# Converting Colors

Hex(CFE3E5)

Have a look what the booklet for  
Hex(CFE3E5) contains.

<b>Hex(CFE3E5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CFE3E5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CFE3E5
RGB	207, 227, 229
RGB Percent	81%, 89%, 90%
CMY	0.1882, 0.1098, 0.1020
CMYK	0.10, 0.01, 0.00, 0.10
HSL	185°, 30%, 85%
HSV	185°, 10%, 90%
XYZ	67.3441, 73.8607, 84.8359
YIQ	221.2480, -12.5620, -3.6180

# Conversions

## Conversions Part 2

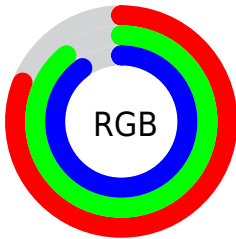
Format	Color
<b>RYB</b>	207, 217, 229
Decimal	13624293
CIELab	88.86, -6.22, -3.25
CIELCh	89, 7.017, 207.582
Yxy	73.8607, 0.2979, 0.3268
Android (android.graphics.Color)	4291814373 (0xFFCFE3E5)
YUV	221.2480, 3.8217, -12.4955
Hunter-Lab	85.9423, -10.5269, 1.6329

# Details

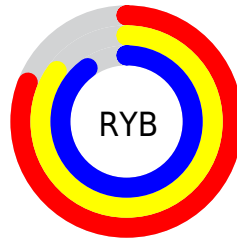
The Hex color **CFE3E5** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E5D1CF**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFFF**, and **99ACAE** is the 20% darker color. If you saturate the color by 10%, you get **B8E1E5**, and if you desaturate by 10%, it is **E6E5E5**.

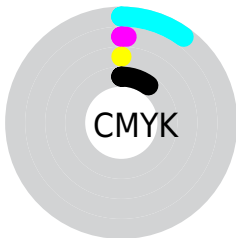
# Distribution



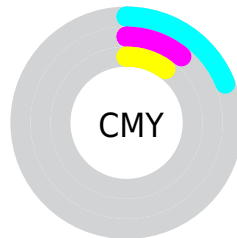
- Red (81%)
- Green (89%)
- Blue (90%)



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



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (19%)
- Magenta (11%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFE3E5 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 CFE3E5 by changing the saturation by 10% instead.



■ CFE3E5

FFFFFF

■ CFE3E5

■ B3C7C9

■ 99ACAE

■ 7F9193

■ 657779

■ 4D5F61

■ 364749

■ 203132

■ 0B1C1D

■ 000003

CFE3E5

CFE3E5

B8E1E5

E6E5E5

A1DFE5

FDE7E5

8ADDE5

FFE9E5

73DBE5

FFEBE5

5DD9E5

FFEDE5

46D7E5

FFEFE5

2FD4E5

FFF2E5

18D2E5

FFF4E5

01D0E5

FFF6E5

# Harmonies

## Analogous

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



D1E3DE



CFE3E5



D2E2EA

# Triad

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



CFE3E5



E8DCE6



E6DED2

# Complementary

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



CFE3E5



E5D1CF

# 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.



EBDCD4



CFE3E5



EDDBE0

# Square

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



CFE3E5



E0DEEB



EEDBD9



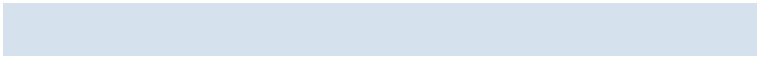
DEE1D3

# Rectangle

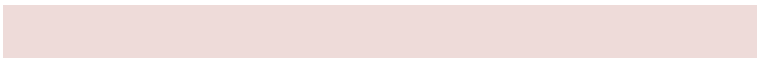
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



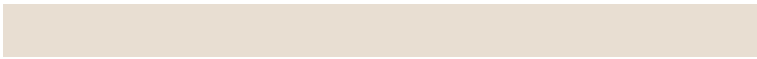
CFE3E5



D5E1EC



EEDBD9



E8DED2



# Sweetspot

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



CFE3E5



F7FEFF



CFE5D1



7A7F80



000000



808080

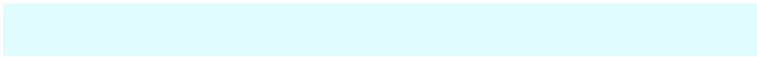


# Same Dimension

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



CFE3E5



E0FCFF



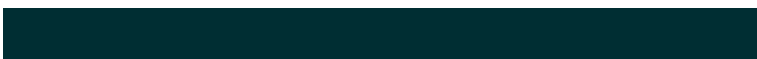
CFD8E5



677273



00A2B3



002E33



# Inverse Universe

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



E5CFE3



FFE0FC



E5DCCF



736772



B300A2

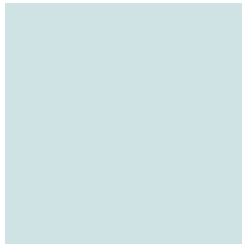


33002E



# Previews

## White Background



This preview shows how the Hex color CFE3E5 looks on a white background.

## Color Contrast Check

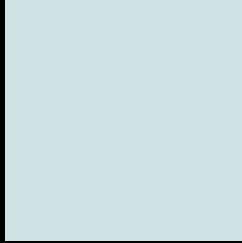
Large Text (above 18pt) WCAG AA × Fail

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 CFE3E5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

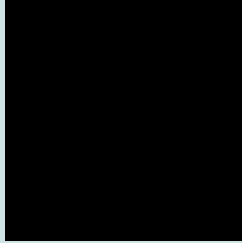
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

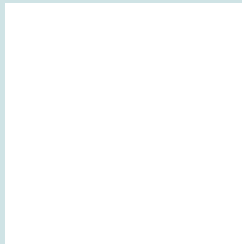
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CFE3E5 Background



This preview shows how black text looks on a background with the Hex color CFE3E5.

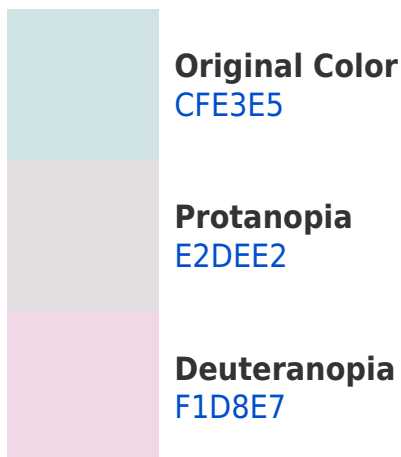


This preview shows how white text looks on a background with the Hex color CFE3E5.

# 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](#).

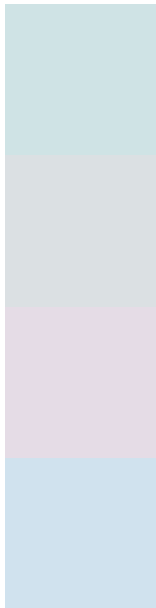
## Dichromacy





**Tritanopia**  
D1E1F3

# Trichromacy



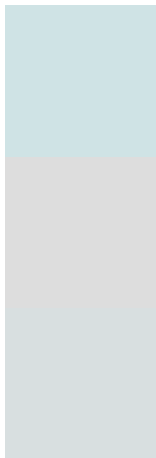
**Original Color**  
CFE3E5

**Protanomaly**  
DBE0E3

**Deuteranomaly**  
E5DCE6

**Tritanomaly**  
D0E2EE

# Monochromacy



**Original Color**  
CFE3E5

**Achromatopsia**  
DDDDDD

**Achromatomaly**  
D8DFE0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFE3E5 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 #CFE3E5 looks like.

```
.text, #text, p{  
    color:#CFE3E5  
}
```

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 #CFE3E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFE3E5 }  
}
```

## Border

The CSS property to change the border of an element to Hex CFE3E5 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 #CFE3E5 }  
}
```

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

```
.border{ border-color:#CFE3E5 }
```

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

Here you see how a box with a 4 pixel #CFE3E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFE3E5; -webkit-box-shadow:4px 4px  
4px 4px #CFE3E5; box-shadow:4px 4px 4px  
4px #CFE3E5 }
```

# Background

The CSS property to change the background color of an element to Hex CFE3E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFE3E5 }
```

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

```
.background{ background-color:#CFE3E5 }
```

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