

# Converting Colors

Hex(C6DFE3)

Have a look what the booklet for  
Hex(C6DFE3) contains.

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# **Color**

**Hex(C6DFE3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6DFE3
RGB	198, 223, 227
RGB Percent	78%, 87%, 89%
CMY	0.2235, 0.1255, 0.1098
CMYK	0.13, 0.02, 0.00, 0.11
HSL	188°, 34%, 83%
HSV	188°, 13%, 89%
XYZ	63.5415, 70.3272, 82.8986
YIQ	215.9810, -16.1840, -4.0560

# Conversions

## Conversions Part 2

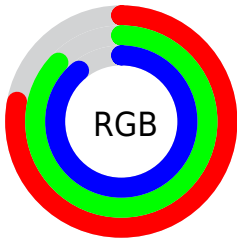
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	198, 211, 227
Decimal	13033443
CIE Lab	87.16, -7.45, -4.77
CIE LCh	87, 8.842, 212.629
Yxy	70.3272, 0.2931, 0.3244
Android (android.graphics.Color)	4291223523 (0xFFC6DFE3)
YUV	215.9810, 5.4324, -15.7693
Hunter-Lab	83.8613, -11.5082, 0.0936

# Details

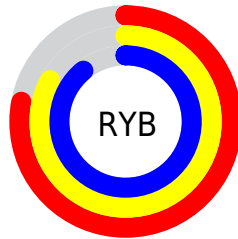
The Hex color **C6DFE3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E3CAC6**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **90A8AC** is the 20% darker color. If you saturate the color by 10%, you get **AFDCE3**, and if you desaturate by 10%, it is **DDE2E3**.

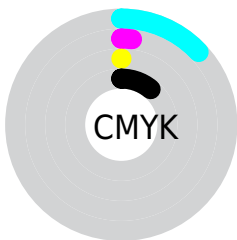
# Distribution



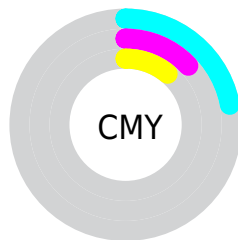
- Red (78%)
- Green (87%)
- Blue (89%)



- Red (78%)
- Yellow (83%)
- Blue (89%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (13%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6DFE3 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 C6DFE3 by changing the saturation by 10% instead.



 C6DFE3

FFFFFF

 C6DFE3

 ABC3C7

 90A8AC

 768D91

 5D7478

 455B5F

 2E4447

 182E31

 01191C

 000000

 C6DFE3

 C6DFE3

 AFDCE3

 DDE2E3

 99D9E3

 F3E5E3

 82D6E3

 FFE8E3

 6BD2E3

 FFECE3

 55CFE3

 FFEFE3

 3ECCE3

 FFF2E3

 27C9E3

 FFF5E3

 10C6E3

 FFF8E3

 00C4E3

 FFFBE3

# Harmonies

## Analogous

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



C7DFDB



C6DFE3



CADDE9

# Triad

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



C6DFE3



E6D6E2



E1DACA

# Complementary

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



C6DFE3



E3CAC6

# 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.



E9D7CC



C6DFE3



ECD5DA

# Square

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



C6DFE3



DDD8E8



EDD5D2



D7DDCC

# Rectangle

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



C6DFE3



D0DCEB



EDD5D2



E4D9CA



# Sweetspot

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



C6DFE3



F5FEFF



C6E3CA



797F80



000000



808080

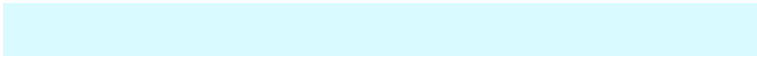


# Same Dimension

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



C6DFE3



D9FAFF



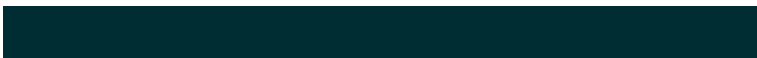
C6D1E3



677173



009AB3



002C33



# Inverse Universe

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



E3C6DF



FFD9FA



E3D8C6



736771



B3009A

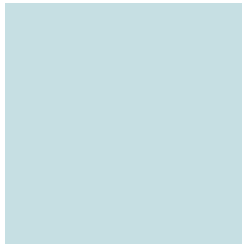


33002C



# Previews

## White Background



This preview shows how the Hex color C6DFE3 looks on a white background.

## Color Contrast Check

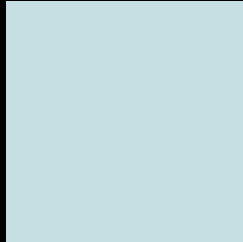
Large Text (above 18pt) WCAG AA × Fail

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 C6DFE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

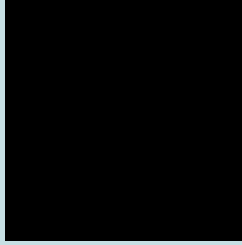
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

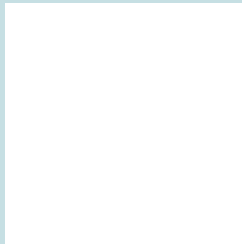
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C6DFE3 Background



This preview shows how black text looks on a background with the Hex color C6DFE3.

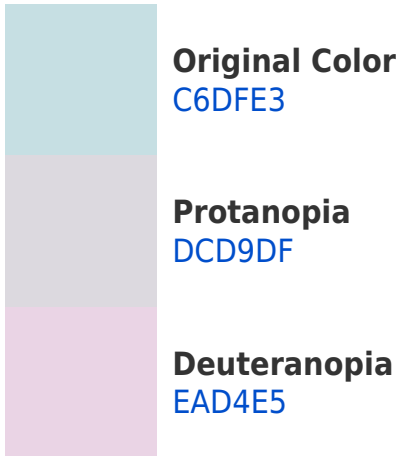


This preview shows how white text looks on a background with the Hex color C6DFE3.

# 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](#).

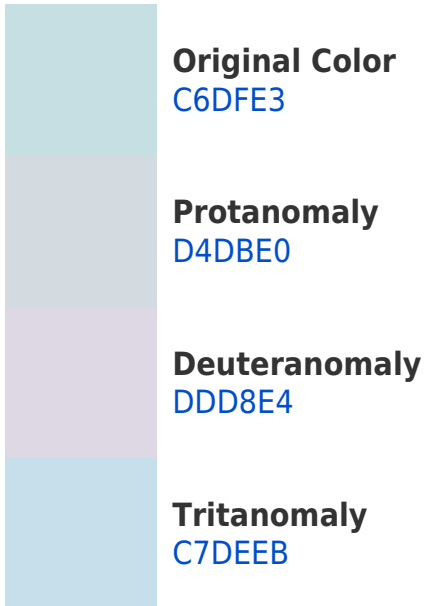
## Dichromacy



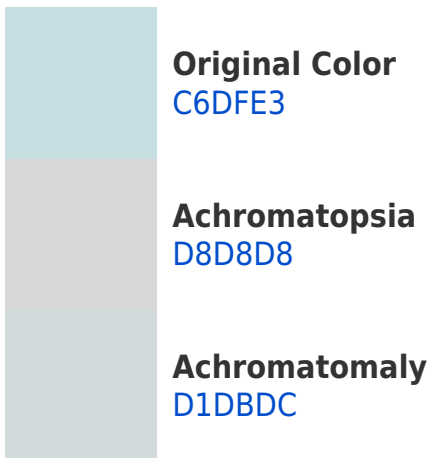


**Tritanopia**  
C8DDEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6DFE3 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 #C6DFE3 looks like.

```
.text, #text, p{  
    color:#C6DFE3  
}
```

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 #C6DFE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6DFE3
}
```

## Border

The CSS property to change the border of an element to Hex C6DFE3 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
#C6DFE3 }
```

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

```
.border{ border-color:#C6DFE3 }
```

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

Here you see how a box with a 4 pixel #C6DFE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6DFE3; -webkit-box-shadow:4px 4px  
4px 4px #C6DFE3; box-shadow:4px 4px 4px  
4px #C6DFE3 }
```

# Background

The CSS property to change the background color of an element to Hex C6DFE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6DFE3 }
```

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

```
.background{ background-color:#C6DFE3 }
```

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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