

# Converting Colors

Hex(C6DFE8)

Have a look what the booklet for  
Hex(C6DFE8) contains.

<b>Hex(C6DFE8)</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(C6DFE8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6DFE8
RGB	198, 223, 232
RGB Percent	78%, 87%, 91%
CMY	0.2235, 0.1255, 0.0902
CMYK	0.15, 0.04, 0.00, 0.09
HSL	196°, 42%, 84%
HSV	196°, 15%, 91%
XYZ	64.2419, 70.6073, 86.5866
YIQ	216.5510, -17.7890, -2.5010

# Conversions

## Conversions Part 2

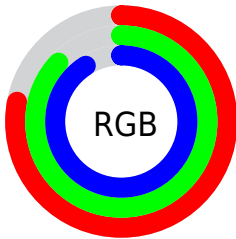
Format	Color
R <sub>Y</sub> B	198, 212, 232
Decimal	13033448
CIE Lab	87.29, -6.44, -7.20
CIE LCh	87, 9.657, 228.211
Yxy	70.6073, 0.2901, 0.3189
Android (android.graphics.Color)	4291223528 (0xFFC6DFE8)
YUV	216.5510, 7.6164, -16.2692
Hunter-Lab	84.0282, -10.5811, -2.2755

# Details

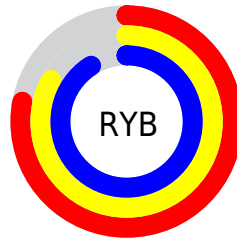
The Hex color **C6DFE8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E8CFC6**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **90A8B0** is the 20% darker color. If you saturate the color by 10%, you get **AFD9E8**, and if you desaturate by 10%, it is **DDE5E8**.

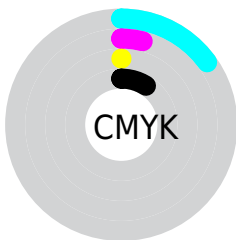
# Distribution



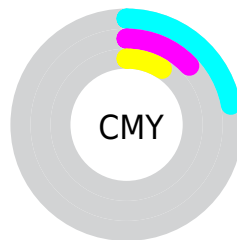
- Red (78%)
- Green (87%)
- Blue (91%)



- Red (78%)
- Yellow (83%)
- Blue (91%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (13%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6DFE8 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 C6DFE8 by changing the saturation by 10% instead.



 C6DFE8

FFFFFF

 C6DFE8

 ABC3CC

 90A8B0

 768D96

 5D747C

 455B63

 2E444B

 172E35

 01191F

 000006

 C6DFE8

 C6DFE8

 AFD9E8

 DDE5E8

 98D3E8

 F4EBE8

 80CDE8

 FFF1E8

 69C6E8

 FFF8E8

 52C0E8

 FFFEE8

 3BBAE8

 FFFF8E8

 24B4E8

 0CAEE8

 00ABE8

# Harmonies

## Analogous

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



C4E0E0



C6DFE8



CDDDEC

# Triad

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



C6DFE8



EBD5DF



DCDCC9

# Complementary

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



C6DFE8



E8CFC6

# 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.



E6D9C9



C6DFE8



EFD5D5

# Square

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



C6DFE8



E3D7E7



EDD6CD



D2DECE

# Rectangle

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



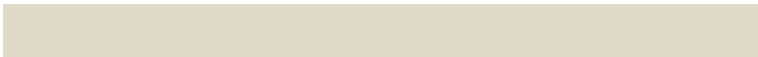
C6DFE8



D4DBED



EDD6CD



E0DBC9

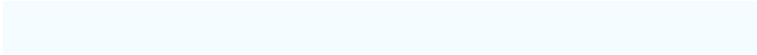


# Sweetspot

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



C6DFE8



F5FCFF



C6E8CF



797E80



000000



808080

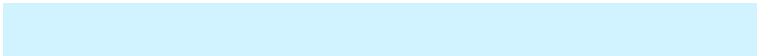


# Same Dimension

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



C6DFE8



D1F3FF



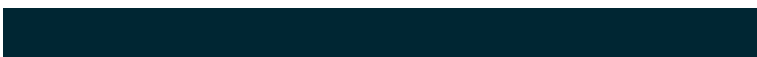
C6CFE8



677073



0083B3



002633



# Inverse Universe

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



E8C6DF



FFD1F3



E8E0C6



736770



B30083

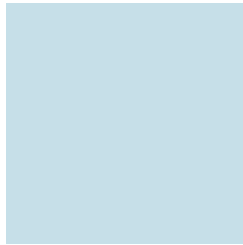


330025



# Previews

## White Background



This preview shows how the Hex color C6DFE8 looks on a white background.

## Color Contrast Check

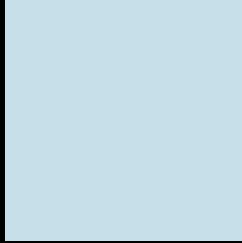
Large Text (above 18pt) WCAG AA × Fail

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 C6DFE8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

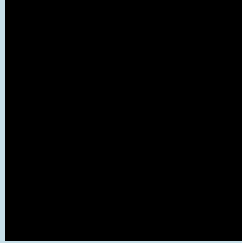
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

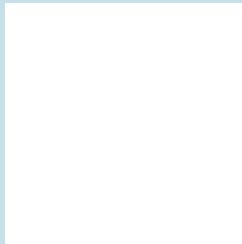
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C6DFE8 Background



This preview shows how black text looks on a background with the Hex color C6DFE8.

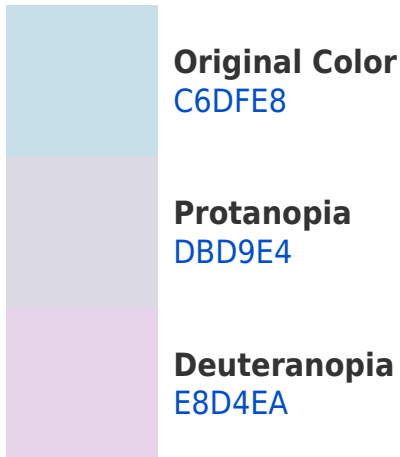


This preview shows how white text looks on a background with the Hex color C6DFE8.

# 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](#).

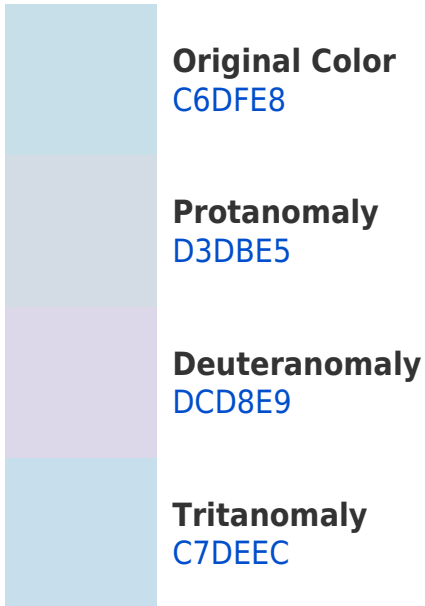
## Dichromacy



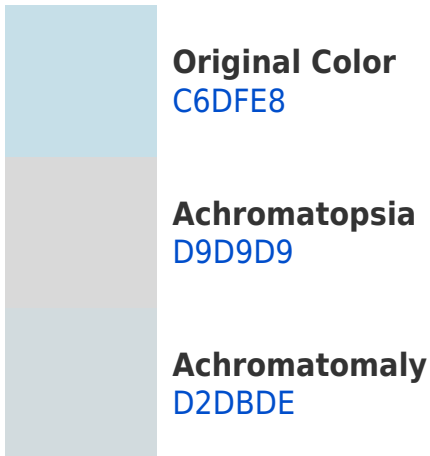


**Tritanopia**  
C7DEEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6DFE8 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 #C6DFE8 looks like.

```
.text, #text, p{  
    color:#C6DFE8  
}
```

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 #C6DFE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6DFE8
}
```

## Border

The CSS property to change the border of an element to Hex C6DFE8 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
#C6DFE8 }
```

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

```
.border{ border-color:#C6DFE8 }
```

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

Here you see how a box with a 4 pixel #C6DFE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6DFE8; -webkit-box-shadow:4px 4px  
4px 4px #C6DFE8; box-shadow:4px 4px 4px  
4px #C6DFE8 }
```

# Background

The CSS property to change the background color of an element to Hex C6DFE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6DFE8 }
```

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

```
.background{ background-color:#C6DFE8 }
```

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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