

Converting Colors

Hex(C1DFE6)

Have a look what the booklet for
Hex(C1DFE6) contains.

Hex(C1DFE6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C1DFE6)

Conversions

Conversions Part 1

Format	Color
Hex	C1DFE6
RGB	193, 223, 230
RGB Percent	76%, 87%, 90%
CMY	0.2431, 0.1255, 0.0980
CMYK	0.16, 0.03, 0.00, 0.10
HSL	191°, 43%, 83%
HSV	191°, 16%, 90%
XYZ	62.6629, 69.8260, 85.0380
YIQ	214.8280, -20.1270, -4.1830

Conversions

Conversions Part 2

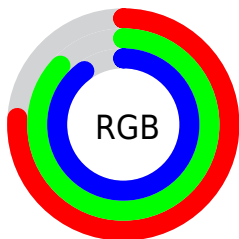
Format	Color
R _Y B	193, 210, 230
Decimal	12705766
CIE Lab	86.91, -8.41, -6.75
CIE LCh	87, 10.785, 218.739
Yxy	69.8260, 0.2881, 0.3210
Android (android.graphics.Color)	4290895846 (0xFFC1DFE6)
YUV	214.8280, 7.4798, -19.1432
Hunter-Lab	83.5619, -12.3766, -1.8439

Details

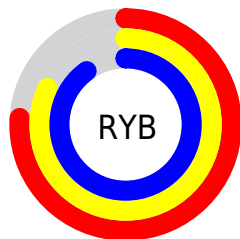
The Hex color **C1DFE6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E6C8C1**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FAFFFF**, and **8BA8AF** is the 20% darker color. If you saturate the color by 10%, you get **AADBE6**, and if you desaturate by 10%, it is **D8E3E6**.

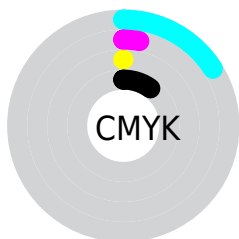
Distribution



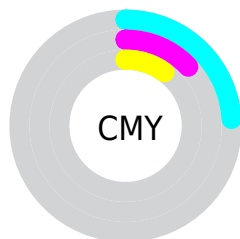
- Red (76%)
- Green (87%)
- Blue (90%)



- Red (76%)
- Yellow (82%)
- Blue (90%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (24%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1DFE6 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 C1DFE6 by changing the saturation by 10% instead.

 C1DFE6

FFFFFF

 FAFFFF

 C1DFE6

 A6C3CA

 8BA8AF

 718D94

 58747A

 405B61

 29444A

 122E33

 00191E

 000003

 C1DFE6

 C1DFE6

 AADBE6

 D8E3E6

 93D6E6

 EFE8E6

 7CD2E6

 FFECE6

 65CEE6

 FFF0E6

 4EC9E6

 FFF5E6

 37C5E6

 FFF9E6

 20C1E6

 FFFDE6

 09BCE6

 FFFF6E6

 00BAE6

Harmonies

Analogous

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



C1E0DC



C1DFE6



C7DDEC

Triad

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



C1DFE6



EAD4E1



DFDAC5

Complementary

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



C1DFE6



E6C8C1

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.



E9D7C7



C1DFE6



F0D3D7

Square

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



C1DFE6



DFD6EA



EFD4CD



D3DDCA

Rectangle

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



C1DFE6



CFDBEE



EFD4CD



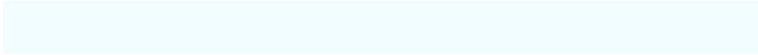
E3D9C5

Sweetspot

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



C1DFE6



F2FDFF



C1E6C8



787E80



000000



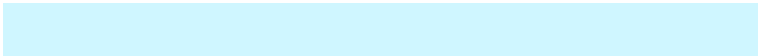
808080

Same Dimension

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



C1DFE6



CFF6FF



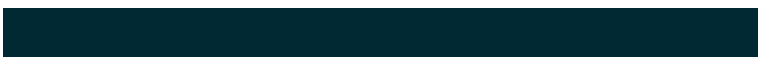
C1CDE6



677173



0091B3



002933

Inverse Universe

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



E6C1DF



FFCFF6



E6DAC1



736771



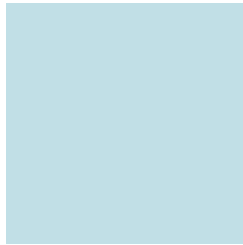
B30091



330029

Previews

White Background



This preview shows how the Hex color C1DFE6 looks on a white background.

Color Contrast Check

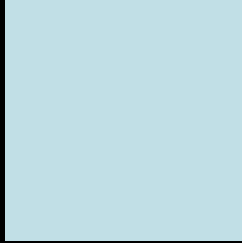
Large Text (above 18pt) WCAG AA × Fail

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 C1DFE6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

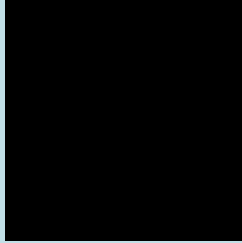
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

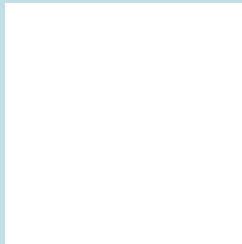
Any Text WCAG AAA ✓ Pass

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

Hex C1DFE6 Background



This preview shows how black text looks on a background with the Hex color C1DFE6.

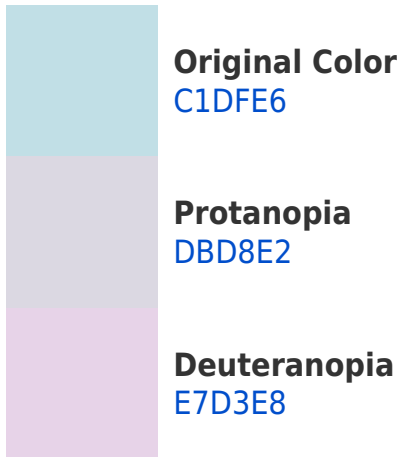


This preview shows how white text looks on a background with the Hex color C1DFE6.

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](#).

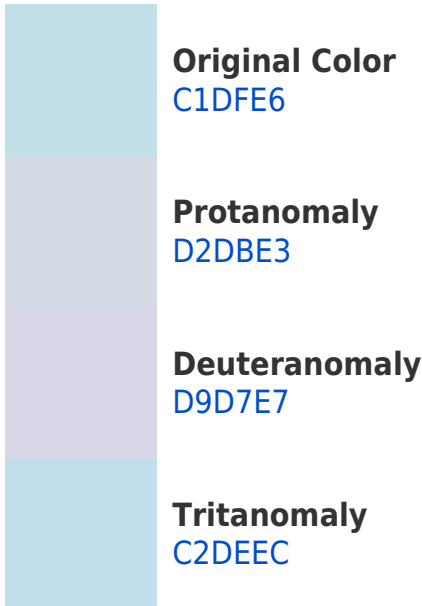
Dichromacy



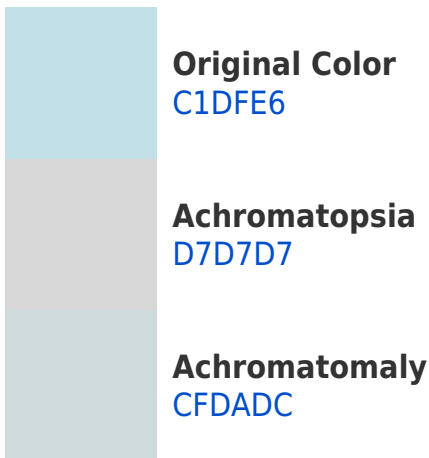


Tritanopia
C3DEEF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1DFE6 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 #C1DFE6 looks like.

```
.text, #text, p{  
    color:#C1DFE6  
}
```

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 #C1DFE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1DFE6
}
```

Border

The CSS property to change the border of an element to Hex C1DFE6 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
#C1DFE6 }
```

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

```
.border{ border-color:#C1DFE6 }
```

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

Here you see how a box with a 4 pixel #C1DFE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1DFE6; -webkit-box-shadow:4px 4px  
4px 4px #C1DFE6; box-shadow:4px 4px 4px  
4px #C1DFE6 }
```

Background

The CSS property to change the background color of an element to Hex C1DFE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1DFE6 }
```

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

```
.background{ background-color:#C1DFE6 }
```

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