

# Converting Colors

Hex(C6EDEE)

Have a look what the booklet for  
Hex(C6EDEE) contains.

<b>Hex(C6EDEE)</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(C6EDEE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6EDEE
RGB	198, 237, 238
RGB Percent	78%, 93%, 93%
CMY	0.2235, 0.0706, 0.0667
CMYK	0.17, 0.00, 0.00, 0.07
HSL	182°, 54%, 85%
HSV	182°, 17%, 93%
XYZ	69.0055, 78.7472, 92.4517
YIQ	225.4530, -23.5650, -7.9570

# Conversions

## Conversions Part 2

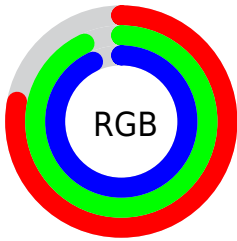
Format	Color
<a href="#">RYB</a>	198, 218, 238
Decimal	13037038
CIELab	91.12, -12.34, -4.70
CIELCh	91, 13.202, 200.841
Yxy	78.7472, 0.2873, 0.3278
Android (android.graphics.Color)	4291227118 (0xFFC6EDEE)
YUV	225.4530, 6.1857, -24.0763
Hunter-Lab	88.7396, -16.4895, 0.3476

# Details

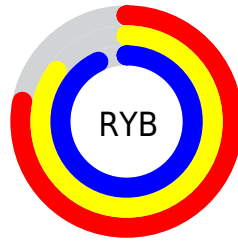
The Hex color **C6EDEE** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EEC7C6**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFFF**, and **90B5B6** is the 20% darker color. If you saturate the color by 10%, you get **AEECEE**, and if you desaturate by 10%, it is **DEEEEE**.

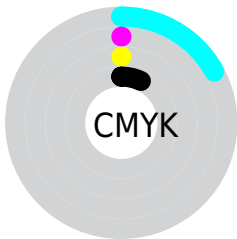
# Distribution



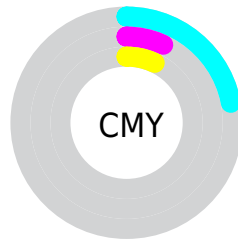
- Red (78%)
- Green (93%)
- Blue (93%)



- Red (78%)
- Yellow (85%)
- Blue (93%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (7%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6EDEE 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 C6EDEE by changing the saturation by 10% instead.



 C6EDEE

FFFFFF

 C6EDEE

 AAD1D2

 90B5B6

 759A9B

 5C8081

 446768

 2C4F50

 143839

 002224

 00080F

 C6EDEE

 C6EDEE

 AEECEE

 DEEEEE

 96ECEE

 F6EEEE

 7FEBEE

 FFEFEE

 67EBEE

 FFF0EE

 4FEAEE

 FFF1EE

 37E9EE

 FFF2EE

 1FE9EE

 08E8EE

 00E8EE

# Harmonies

## Analogous

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



CCEDE1



C6EDEE



C9EBF9

# Triad

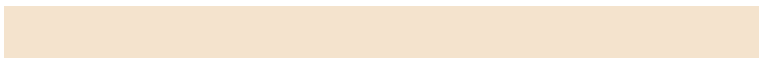
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C6EDEE



F2E0F6



F4E3CD

# Complementary

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



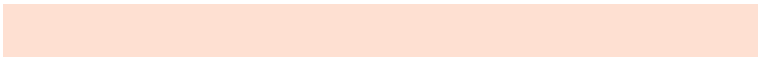
C6EDEE



EEC7C6

# 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.



FEE0D2



C6EDEE



FDDDEA

# Square

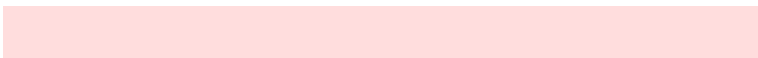
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C6EDEE



E3E4FD



FFDDDD



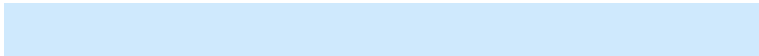
E6E7CE

# Rectangle

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



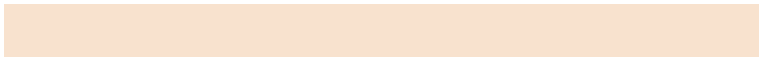
C6EDEE



CFE9FD



FFDDDD



F8E2CE



# Sweetspot

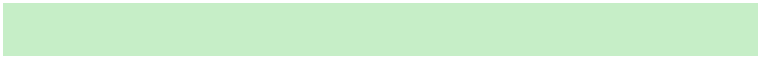
The Sweet Spot groups the original color and five complimentary colors.



C6EDEE



F2FFFF



C6EEC7



787F80



000000



808080



# Same Dimension

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



C6EDEE



CCFEFF



C6D9EE



6C7878



00B3B8



003738



# Inverse Universe

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



EEC6ED



FFCCFE



EEDBC6



786C78



B800B3

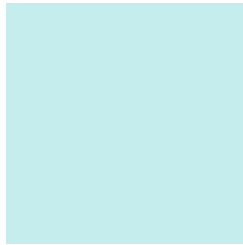


380037



# Previews

## White Background



This preview shows how the Hex color C6EDEE looks on a white background.

## Color Contrast Check

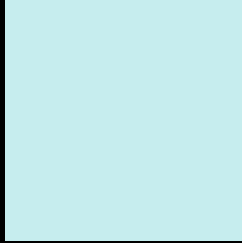
Large Text (above 18pt) WCAG AA × Fail

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 C6EDEE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

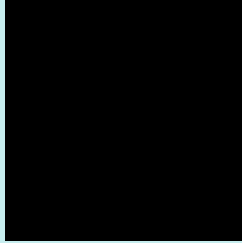
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

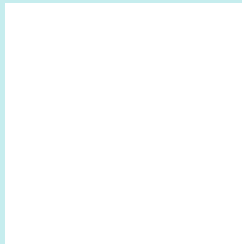
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C6EDEE Background



This preview shows how black text looks on a background with the Hex color C6EDEE.

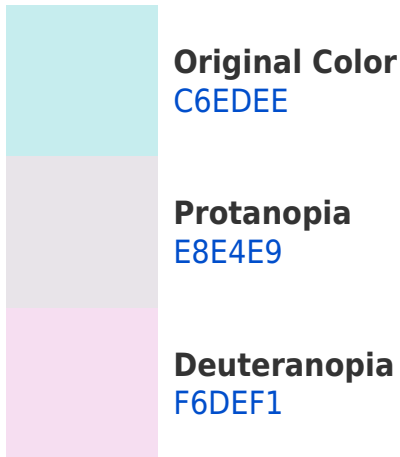


This preview shows how white text looks on a background with the Hex color C6EDEE.

# 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



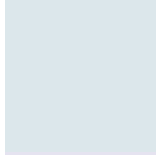


**Tritanopia**  
C9EBFD

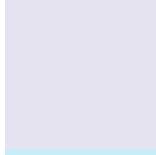
# Trichromacy



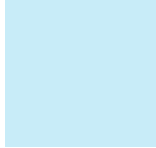
**Original Color**  
C6EDEE



**Protanomaly**  
DCE7EB



**Deuteranomaly**  
E5E3F0

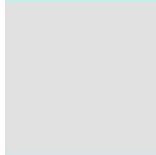


**Tritanomaly**  
C8ECF8

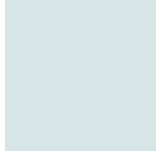
# Monochromacy



**Original Color**  
C6EDEE



**Achromatopsia**  
E1E1E1



**Achromatomaly**  
D7E5E6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6EDEE 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 #C6EDEE looks like.

```
.text, #text, p{  
    color:#C6EDEE  
}
```

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 #C6EDEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6EDEE
}
```

## Border

The CSS property to change the border of an element to Hex C6EDEE 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
#C6EDEE }
```

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

```
.border{ border-color:#C6EDEE }
```

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

Here you see how a box with a 4 pixel #C6EDEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6EDEE; -webkit-box-shadow:4px 4px  
4px 4px #C6EDEE; box-shadow:4px 4px 4px  
4px #C6EDEE }
```

# Background

The CSS property to change the background color of an element to Hex C6EDEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6EDEE }
```

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

```
.background{ background-color:#C6EDEE }
```

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