

# Converting Colors

Hex(C4E6E9)

Have a look what the booklet for  
Hex(C4E6E9) contains.

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# **Color**

**Hex(C4E6E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4E6E9
RGB	196, 230, 233
RGB Percent	77%, 90%, 91%
CMY	0.2314, 0.0980, 0.0863
CMYK	0.16, 0.01, 0.00, 0.09
HSL	185°, 46%, 84%
HSV	185°, 16%, 91%
XYZ	65.7697, 74.2126, 87.9488
YIQ	220.1760, -21.2270, -6.2750

# Conversions

## Conversions Part 2

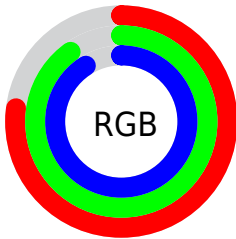
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 214, 233
Decimal	12904169
CIE <sub>Lab</sub>	89.02, -10.44, -5.19
CIE <sub>LCh</sub>	89, 11.654, 206.424
Yxy	74.2126, 0.2886, 0.3256
Android (android.graphics.Color)	4291094249 (0xFFC4E6E9)
YUV	220.1760, 6.3222, -21.2024
Hunter-Lab	86.1467, -14.4788, -0.2276

# Details

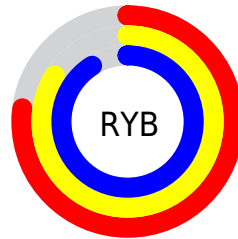
The Hex color **C4E6E9** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E9C7C4**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FDFFFF**, and **8EAEB1** is the 20% darker color. If you saturate the color by 10%, you get **ADE4E9**, and if you desaturate by 10%, it is **DBE8E9**.

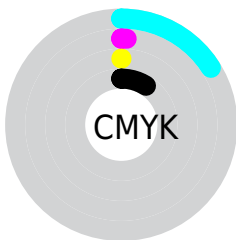
# Distribution



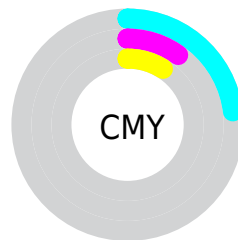
- Red (77%)
- Green (90%)
- Blue (91%)



- Red (77%)
- Yellow (84%)
- Blue (91%)



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (23%)
- Magenta (10%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4E6E9 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 C4E6E9 by changing the saturation by 10% instead.



 C4E6E9

 C4E6E9

FFFFFF

 A9CACD

FDFFFF

 8EAEB1

 749497

 5B7A7D

 426164

 2B494C

 143335

 001E20

 000009

 C4E6E9

 C4E6E9

 ADE4E9

 DBE8E9

 95E2E9

 F3EAE9

 7EE0E9

 FFECE9

 67DEE9

 FFEEE9

 50DDE9

 FFEFE9

 38DBE9

 FFF1E9

 21D9E9

 FFF3E9

 0AD7E9

 FFF5E9

 00D6E9

 FFF7E9

# Harmonies

## Analogous

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



C8E6DE



C4E6E9



C8E4F2

# Triad

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



C4E6E9



EDDAEC



EADECA

# Complementary

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



C4E6E9



E9C7C4

# 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.



F4DBCD



C4E6E9



F6D8E1

# Square

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



C4E6E9



E0DDF3



F8D9D6



DEE2CC

# Rectangle

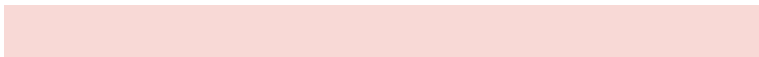
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C4E6E9



CEE2F5



F8D9D6



EEDDCA

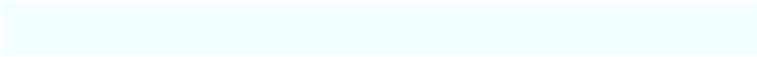


# Sweetspot

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



C4E6E9



F2FEFF



C4E9C6



787F80



000000



808080

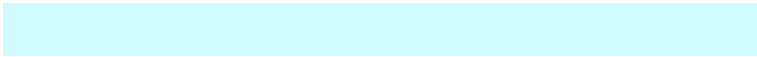


# Same Dimension

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



C4E6E9



CFFBFF



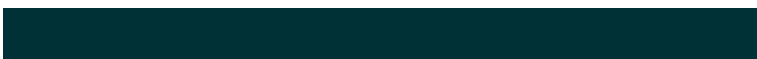
C4D4E9



6A7475



00A6B5



003136



# Inverse Universe

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



E9C4E6



FFCFFB



E9D9C4



756A74



B500A6

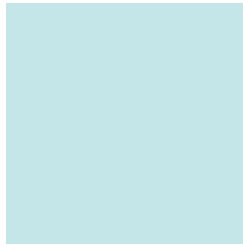


360031



# Previews

## White Background



This preview shows how the Hex color C4E6E9 looks on a white background.

## Color Contrast Check

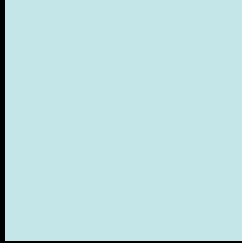
Large Text (above 18pt) WCAG AA × Fail

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 C4E6E9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

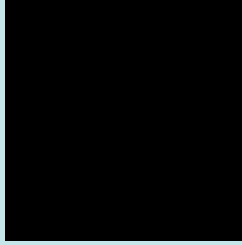
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

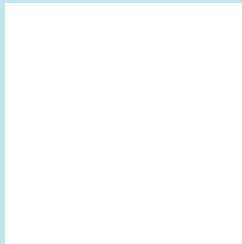
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4E6E9 Background



This preview shows how black text looks on a background with the Hex color C4E6E9.

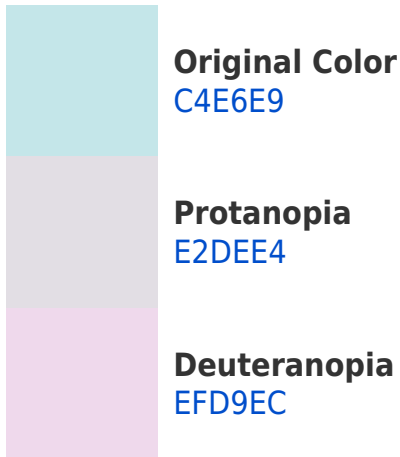


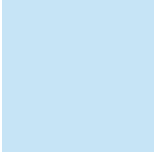
This preview shows how white text looks on a background with the Hex color C4E6E9.

# 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](#).

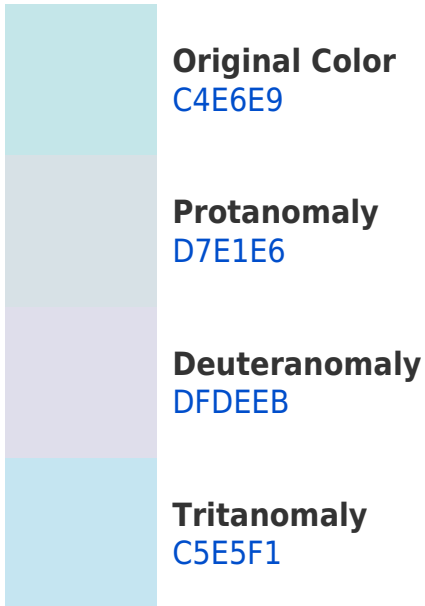
## Dichromacy



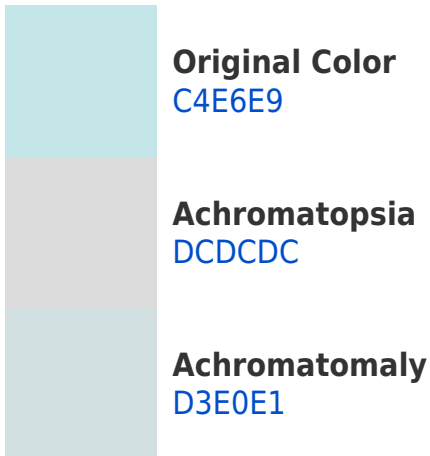


**Tritanopia**  
C6E4F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4E6E9 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 #C4E6E9 looks like.

```
.text, #text, p{  
    color:#C4E6E9  
}
```

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 #C4E6E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4E6E9
}
```

## Border

The CSS property to change the border of an element to Hex C4E6E9 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
#C4E6E9 }
```

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

```
.border{ border-color:#C4E6E9 }
```

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

Here you see how a box with a 4 pixel #C4E6E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4E6E9; -webkit-box-shadow:4px 4px  
4px 4px #C4E6E9; box-shadow:4px 4px 4px  
4px #C4E6E9 }
```

# Background

The CSS property to change the background color of an element to Hex C4E6E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4E6E9 }
```

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

```
.background{ background-color:#C4E6E9 }
```

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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