

# Converting Colors

Hex(C4EAEA)

Have a look what the booklet for  
Hex(C4EAEA) contains.

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# **Color**

**Hex(C4EAEA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4EAEA
RGB	196, 234, 234
RGB Percent	77%, 92%, 92%
CMY	0.2314, 0.0824, 0.0824
CMYK	0.16, 0.00, 0.00, 0.08
HSL	180°, 47%, 84%
HSV	180°, 16%, 92%
XYZ	67.0391, 76.5219, 89.0788
YIQ	222.6380, -22.6480, -8.0560

# Conversions

## Conversions Part 2

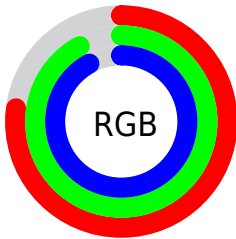
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 215, 234
Decimal	12905194
CIE Lab	90.10, -12.26, -4.12
CIE LCh	90, 12.932, 198.585
Yxy	76.5219, 0.2882, 0.3289
Android (android.graphics.Color)	4291095274 (0xFFC4EAEA)
YUV	222.6380, 5.6015, -23.3615
Hunter-Lab	87.4768, -16.2885, 0.8580

# Details

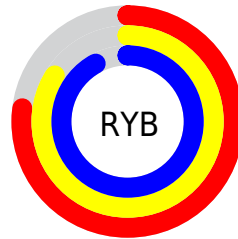
The Hex color **C4EAEA** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EAC4C4**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FDFFFF**, and **8EB2B2** is the 20% darker color. If you saturate the color by 10%, you get **ADEAEA**, and if you desaturate by 10%, it is **DBEAEA**.

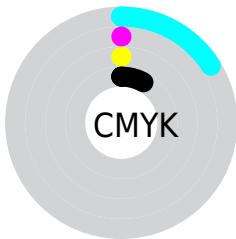
# Distribution



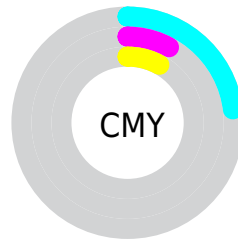
- Red (77%)
- Green (92%)
- Blue (92%)



- Red (77%)
- Yellow (84%)
- Blue (92%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (23%)
- Magenta (8%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4EAEA 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 C4EAEA by changing the saturation by 10% instead.



 C4EAEA

 C4EAEA

FFFFFF

 A8CECE

FDFFFF

 8EB2B2

 749798

 5A7E7E

 426565

 2A4D4D

 133636

 002021

 00010A

 C4EAEA

 C4EAEA

 ADEAEA

 DBEAEA

 95EAEA

 F3EAEA

 7EEAEA

 FFEAEA

 66EAEA

 4FEAEA

 38EAEA

 20EAEA

 09EAEA

 00EAEA

# Harmonies

## Analogous

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



CAEADD



C4EAEA



C6E8F5

# Triad

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



C4EAEA



EEDDF3



F2E0CB

# Complementary

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



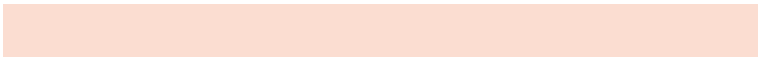
C4EAEA



EAC4C4

# 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.



FBDDD1



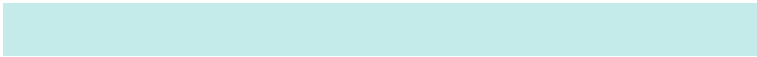
C4EAEA



F9DBE8

# Square

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



C4EAEA



DFE1FA



FEDBDB



E5E4CB

# Rectangle

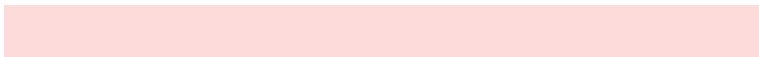
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C4EAEA



CCE6F9



FEDBDB



F5DFCC

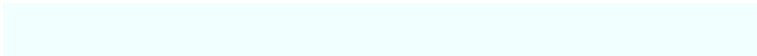


# Sweetspot

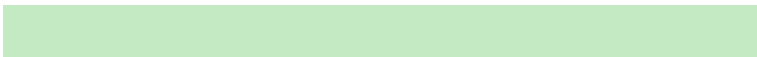
The Sweet Spot groups the original color and five complimentary colors.



C4EAEA



F2FFFF



C4EAC4



788080



000000



808080



# Same Dimension

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



C4EAEA



CFFFFFF



C4D7EA



6A7575



00B5B5



003636



# Inverse Universe

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



EAC4EA



FFCFFF



EAD7C4



756A75



B500B5

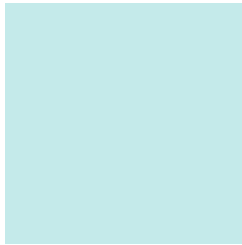


360036



# Previews

## White Background



This preview shows how the Hex color C4EAEA looks on a white background.

## Color Contrast Check

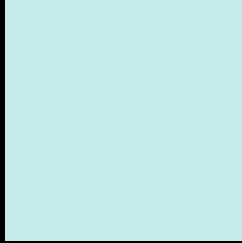
Large Text (above 18pt) WCAG AA × Fail

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 C4EAEA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

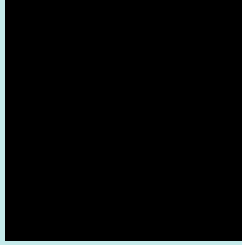
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

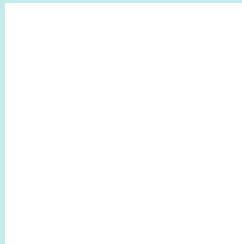
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4EAEA Background



This preview shows how black text looks on a background with the Hex color C4EAEA.



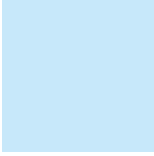
This preview shows how white text looks on a background with the Hex color C4EAEA.

# 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](#).

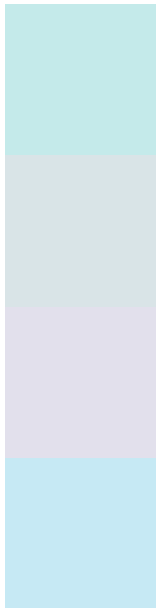
## Dichromacy





**Tritanopia**  
C7E8FA

# Trichromacy



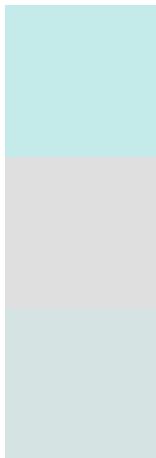
**Original Color**  
C4EAEA

**Protanomaly**  
D9E4E7

**Deuteranomaly**  
E2E0EC

**Tritanomaly**  
C6E9F4

# Monochromacy



**Original Color**  
C4EAEA

**Achromatopsia**  
DFDFDF

**Achromatomaly**  
D5E3E3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4EAEA 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 #C4EAEA looks like.

```
.text, #text, p{  
    color:#C4EAEA  
}
```

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 #C4EAEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4EAEA
}
```

## Border

The CSS property to change the border of an element to Hex C4EAEA 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
#C4EAEA }
```

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

```
.border{ border-color:#C4EAEA }
```

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

Here you see how a box with a 4 pixel #C4EAEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4EAEA; -webkit-box-shadow:4px 4px  
4px 4px #C4EAEA; box-shadow:4px 4px 4px  
4px #C4EAEA }
```

# Background

The CSS property to change the background color of an element to Hex C4EAEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4EAEA }
```

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

```
.background{ background-color:#C4EAEA }
```

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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