

# Converting Colors

Hex(ABCEEE)

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

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# **Color**

**Hex(ABC~~E~~EE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ABCEEE
RGB	171, 206, 238
RGB Percent	67%, 81%, 93%
CMY	0.3294, 0.1922, 0.0667
CMYK	0.28, 0.13, 0.00, 0.07
HSL	209°, 66%, 80%
HSV	209°, 28%, 93%
XYZ	54.2985, 58.9736, 89.4101
YIQ	199.1830, -31.1320, 2.5320

# Conversions

## Conversions Part 2

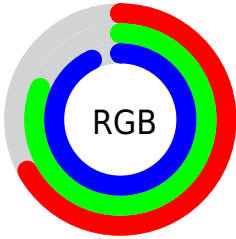
Format	Color
<a href="#">RYB</a>	<a href="#">171, 194, 238</a>
Decimal	<a href="#">11259630</a>
CIELab	<a href="#">81.28, -4.42, -19.57</a>
CIELCh	<a href="#">81, 20.060, 257.270</a>
Yxy	<a href="#">58.9736, 0.2679, 0.2910</a>
Android (android.graphics.Color)	<a href="#">4289449710 (0xFFABCEEE)</a>
YUV	<a href="#">199.1830, 19.1368, -24.7165</a>
Hunter-Lab	<a href="#">76.7943, -8.1789, -15.2743</a>

# Details

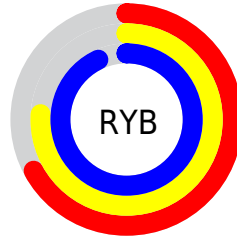
The Hex color **ABCEEE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EECBAB**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **E3FFFF**, and **7598B6** is the 20% darker color. If you saturate the color by 10%, you get **93C3EE**, and if you desaturate by 10%, it is **C3D9EE**.

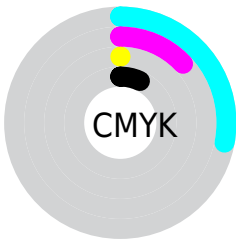
# Distribution



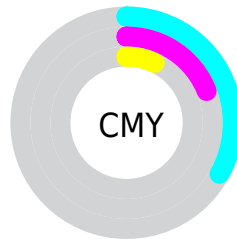
- Red (67%)
- Green (81%)
- Blue (93%)



- Red (67%)
- Yellow (76%)
- Blue (93%)



- Cyan (28%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (33%)
- Magenta (19%)
- Yellow (7%)

# Brightness & Saturation Gradients

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



 ABCEEE

 ABCEEE

FFFFFF

 90B3D2

 E3FFFF

 7598B6

 5B7E9B

 426581

 284D68

 0A3650

 002139

 000A23

 00000B

 ABCEEE

 ABCEEE

 93C3EE

 C3D9EE

 7BB7EE

 DBE5EE

 64ACEE

 F2F0EE

 4CA1EE

 FFFBEE

 3495EE

 FFFFEE

 1C8AEE

 047EEE

 007CEE

# Harmonies

## Analogous

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



9BD3E5



ABC8EE



C3C8EE

# Triad

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



ABCEEE



F1BDC0



B8D1B0

# Complementary

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



ABCEEE



EECBAB

# 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.



CDCCA6



ABCEEE



EDC0AF

# Square

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



ABCEEE



EBBED3



E0C6A6



A4D4C1

# Rectangle

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



ABCEEE



D3C4E8



E0C6A6



BFD0AC

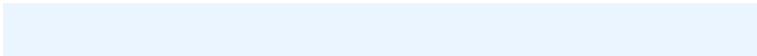


# Sweetspot

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



ABCEEE



EBF5FF



ABEECA



737980



000000



808080

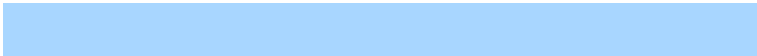


# Same Dimension

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



ABCEEE



A8D6FF



ABADEE



6C7278



0060B8



001D38



# Inverse Universe

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



EEABCE



FFA8D6



EEECAB



786C72



B80060

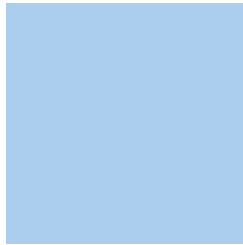


38001D



# Previews

## White Background



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

## Color Contrast Check

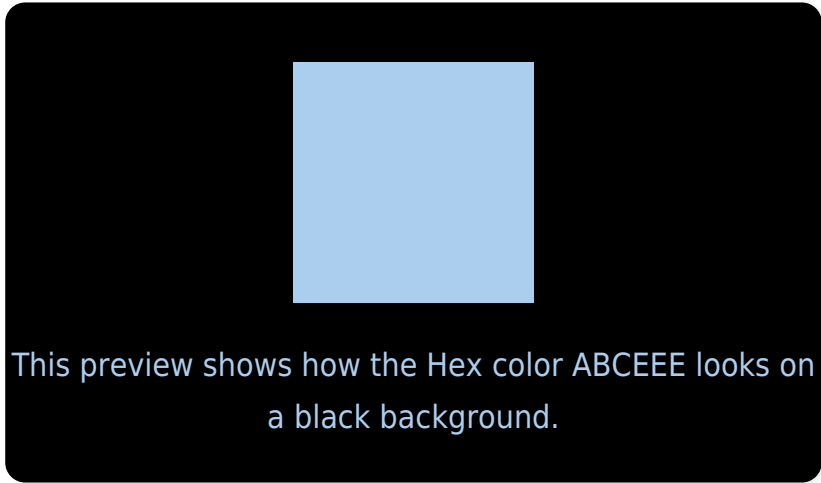
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

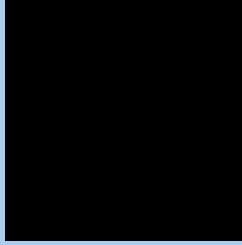
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

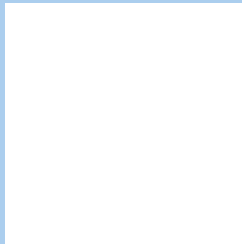
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ABCEEE Background



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

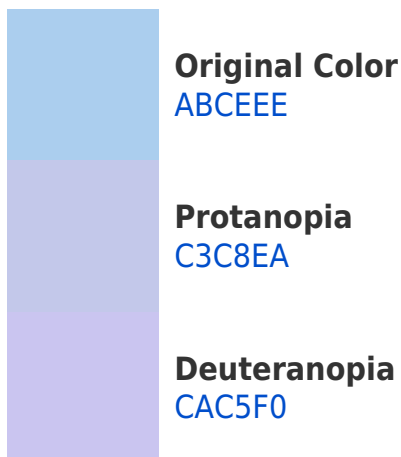


This preview shows how white text looks on a background with the Hex color ABCEEE.

# 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](#).

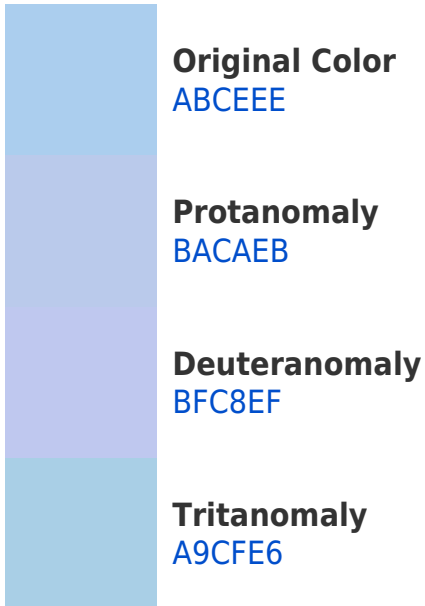
## Dichromacy



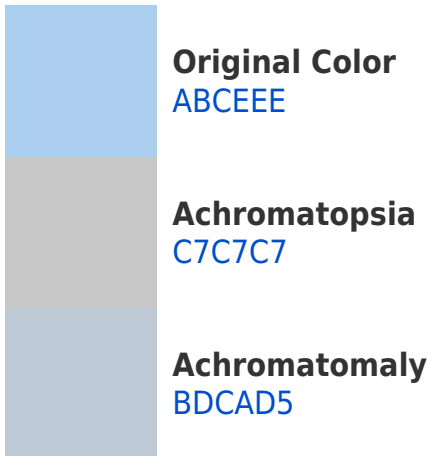


**Tritanopia**  
A8D0E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #ABCEEE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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