

# Converting Colors

Hex(ABECEF)

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

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

# Conversions

## Conversions Part 1

Format	Color
Hex	ABECEF
RGB	171, 236, 239
RGB Percent	67%, 93%, 94%
CMY	0.3294, 0.0745, 0.0627
CMYK	0.28, 0.01, 0.00, 0.06
HSL	183°, 68%, 80%
HSV	183°, 28%, 94%
XYZ	62.3700, 74.8808, 92.8276
YIQ	216.9070, -39.7030, -12.8470

# Conversions

## Conversions Part 2

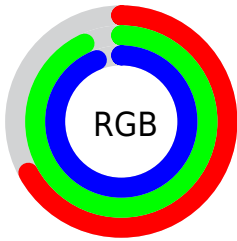
Format	Color
R <sub>Y</sub> B	171, 204, 239
Decimal	11267311
CIE Lab	89.34, -19.55, -8.03
CIE LCh	89, 21.131, 202.325
Yxy	74.8808, 0.2711, 0.3255
Android (android.graphics.Color)	4289457391 (0xFFABECEF)
YUV	216.9070, 10.8918, -40.2604
Hunter-Lab	86.5337, -22.7783, -3.0287

# Details

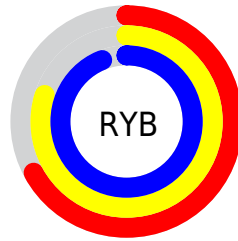
The Hex color **ABCECF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EFAEAB**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **E4FFFF**, and **74B4B7** is the 20% darker color. If you saturate the color by 10%, you get **93EBEF**, and if you desaturate by 10%, it is **C3EDEF**.

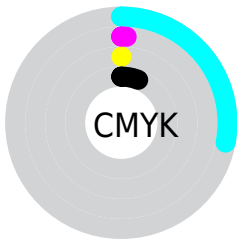
# Distribution



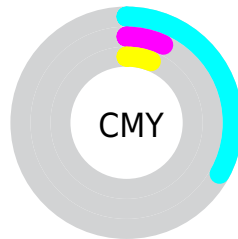
- Red (67%)
- Green (93%)
- Blue (94%)



- Red (67%)
- Yellow (80%)
- Blue (94%)



- Cyan (28%)
- Magenta (1%)
- Yellow (0%)
- Black (6%)



- Cyan (33%)
- Magenta (7%)
- Yellow (6%)

# Brightness & Saturation Gradients

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



 ABECEF

 ABECEF

FFFFFF

 8FD0D3

 E4FFFF

 74B4B7

 5A999C

 3F7F82

 236669

 004E51

 00373A

 002124

 000110

 ABECEF

 ABECEF

 93EBEF

 C3EDEF

 7BEAEF

 DBEEEF

 63E9EF

 F3FEF

 4BE8EF

 FFF0EF

 33E7EF

 FFF1EF

 1CE6EF

 FFF2EF

 04E5EF

 FFF3EF

 00E4EF

 FFF4EF

 FFF5EF

# Harmonies

## Analogous

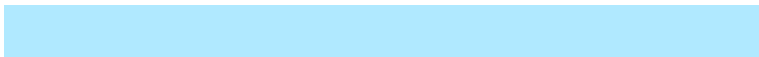
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B5ECDA



ABECEF



B0E9FF

# Triad

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



ABECEF



F6D7F9



F5DDB9

# Complementary

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



ABECEF



EFAEAB

# 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.



FFD7C1



ABECEF



FFD3E7

# Square

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



ABECEF



DEDDFF



FFD3D2



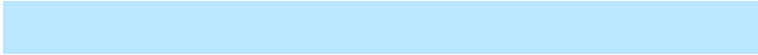
E0E4BB

# Rectangle

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



ABECEF



BCE6FF



FFD3D2



FBDBBB

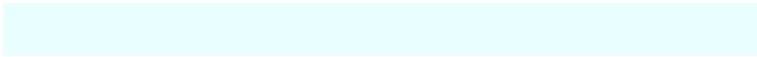


# Sweetspot

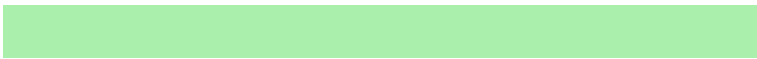
The Sweet Spot groups the original color and five complimentary colors.



ABECEF



E8FEFF



ABEFAD



717F80



000000



808080



# Same Dimension

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



ABECEF



A8FBFF



ABCBEF



6C7778



00B0B8



003638



# Inverse Universe

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



EFABEC



FFA8FB



EFCFAB



786C77



B800B0

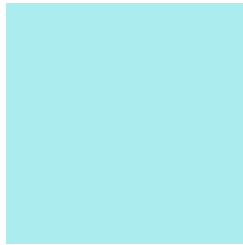


380036



# Previews

## White Background



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

## Color Contrast Check

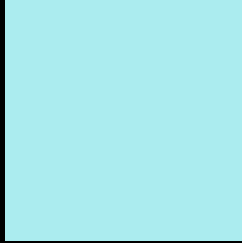
Large Text (above 18pt) WCAG AA × Fail

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 ABECEF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

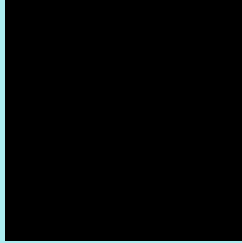
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ABECEF Background



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

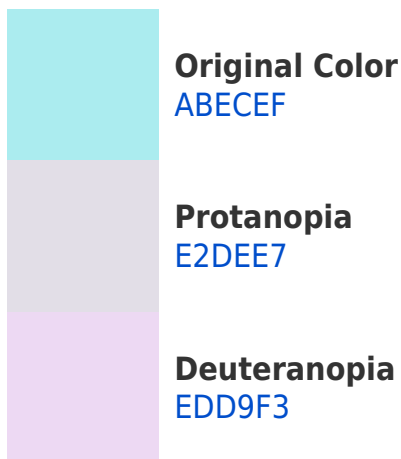


This preview shows how white text looks on a background with the Hex color ABECEF.

# 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

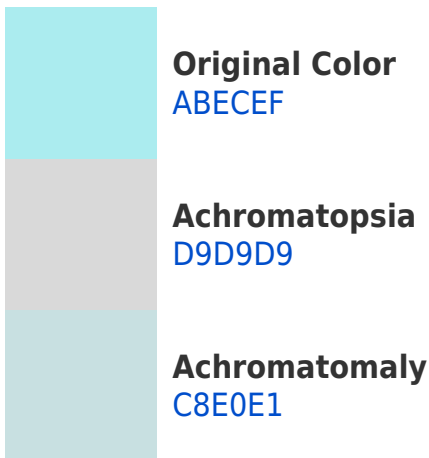




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #ABECEF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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