

# Converting Colors

Hex(ABACEC)

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

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# **Color**

**Hex(ABACEC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABACEC
RGB	171, 172, 236
RGB Percent	67%, 67%, 93%
CMY	0.3294, 0.3255, 0.0745
CMYK	0.28, 0.27, 0.00, 0.07
HSL	239°, 63%, 80%
HSV	239°, 28%, 93%
XYZ	46.6874, 44.2191, 85.4313
YIQ	178.9970, -21.1400, 19.6920

# Conversions

## Conversions Part 2

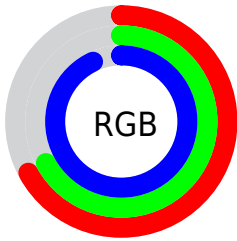
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 172, 236
Decimal	11250924
CIELab	72.37, 13.58, -32.10
CIELCh	72, 34.852, 292.940
Yxy	44.2191, 0.2648, 0.2508
Android (android.graphics.Color)	4289441004 (0xFFABACEC)
YUV	178.9970, 28.1025, -7.0134
Hunter-Lab	66.4974, 8.9532, -29.6235

# Details

The Hex color **ABACEC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **ECEBAB**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **E3E3FF**, and **7578B4** is the 20% darker color. If you saturate the color by 10%, you get **9395EC**, and if you desaturate by 10%, it is **C3C3EC**.

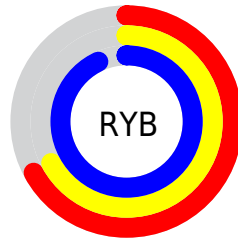
# Distribution



Red (67%)

Green (67%)

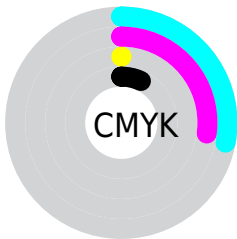
Blue (93%)



Red (67%)

Yellow (67%)

Blue (93%)

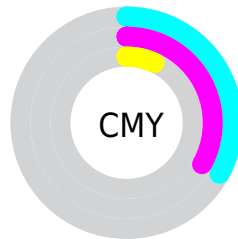


Cyan (28%)

Magenta (27%)

Yellow (0%)

Black (7%)



Cyan (33%)

Magenta (33%)

Yellow (7%)

# Brightness & Saturation Gradients

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



■ ABACEC

FFFFFF

■ E3E3FF

■ ABACEC

■ 9091D0

■ 7578B4

■ 5B5F99

■ 42487F

■ 283166

■ 0B1D4D

■ 000336

■ 000220

■ 000004

 ABACEC

 ABACEC

 9395EC

 C3C3EC

 7C7EEC

 DADAEC

 6466EC

 F2F2EC

 4D4FEC

 FFFFEC

 3538EC

 1D21EC

 0609EC

 0004EC

# Harmonies

## Analogous

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



7AB7F0



ABACEC



D3A1D8

# Triad

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



ABACEC



E6A280



63C2A9

# Complementary

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



ABACEC



ECEBAB

# 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.



89BE8A



ABACEC



CEAD72

# Square

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



ABACEC



F09B9A



AEB776



43C2C9

# Rectangle

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



ABACEC



E59BC5



AEB776



6FC19E



# Sweetspot

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



ABACEC



EBEBFF



ABECEB



737380



000000



808080



# Same Dimension

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



ABACEC



ABACFF



CAABEC



6A6A75



0003B5



000136



# Inverse Universe

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



ECABAC



FFABAC



CDECAB



756A6A



B50003

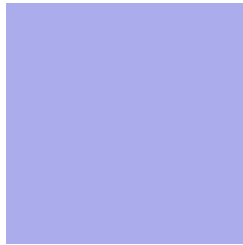


360001



# Previews

## White Background



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

## Color Contrast Check

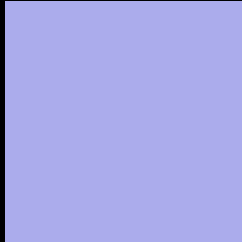
Large Text (above 18pt) WCAG AA × Fail

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 ABACEC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

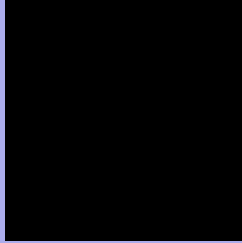
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ABACEC Background



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

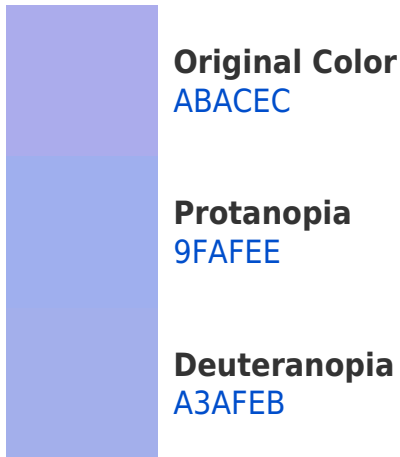


This preview shows how white text looks on a background with the Hex color ABACEC.

# 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](#).

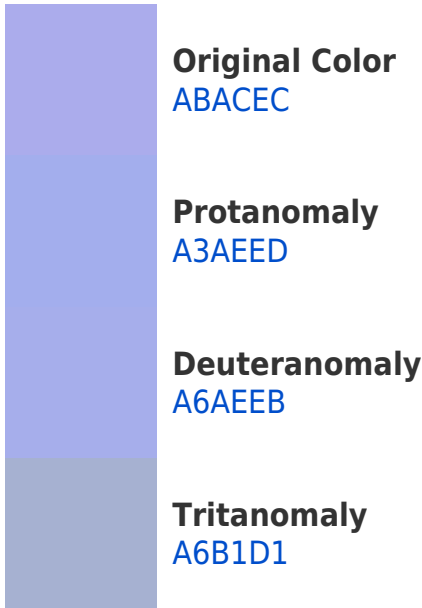
## Dichromacy



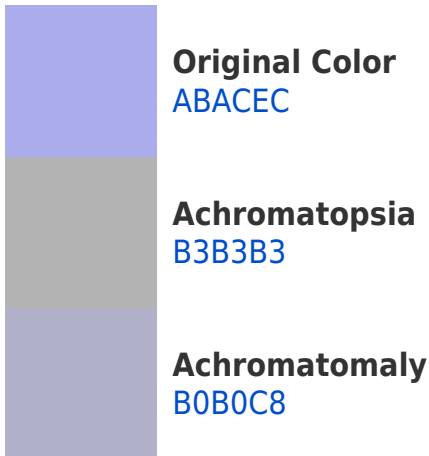


**Tritanopia**  
A3B4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #ABACEC colored shadow looks like.

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

## Border

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

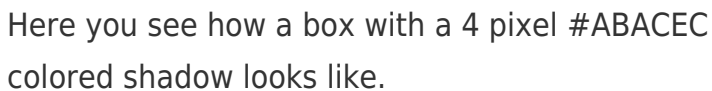
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#ABACEC }
```

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

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

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



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

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

# Background

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

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

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

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

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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