

# Converting Colors

Hex(9ABCED)

Have a look what the booklet for  
Hex(9ABCED) contains.

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# **Color**

**Hex(9ABCED)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 9ABCED                     |
| RGB           | 154, 188, 237              |
| RGB Percent   | 60%, 74%, 93%              |
| CMY           | 0.3961, 0.2627, 0.0706     |
| CMYK          | 0.35, 0.21, 0.00, 0.07     |
| HSL           | 215°, 70%, 77%             |
| HSV           | 215°, 35%, 93%             |
| XYZ           | 46.5957, 48.9509, 87.1134  |
| YIQ           | 183.4200, -35.9930, 8.0310 |

# Conversions

## Conversions Part 2

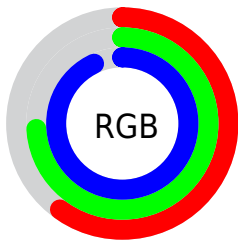
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <a href="#">RYB</a>                 | 154, 178, 237                  |
| Decimal                             | 10140909                       |
| CIELab                              | 75.42, 0.20, -28.05            |
| CIELCh                              | 75, 28.047, 270.400            |
| Yxy                                 | 48.9509, 0.2551,<br>0.2680     |
| Android<br>(android.graphics.Color) | 4288330989<br>(0xFF9ABCEd)     |
| YUV                                 | 183.4200, 26.4149,<br>-25.8013 |
| Hunter-Lab                          | 69.9649, -3.5600,<br>-24.8466  |

# Details

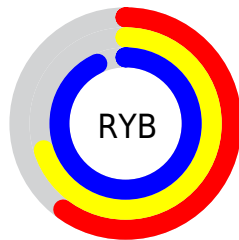
The Hex color **9ABCED** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EDCB9A**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **D2F4FF**, and **6487B5** is the 20% darker color. If you saturate the color by 10%, you get **82AEED**, and if you desaturate by 10%, it is **B2CAED**.

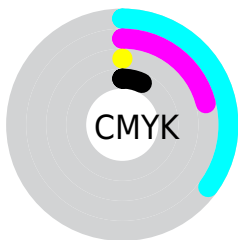
# Distribution



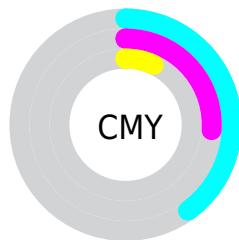
- Red (60%)
- Green (74%)
- Blue (93%)



- Red (60%)
- Yellow (70%)
- Blue (93%)



- Cyan (35%)
- Magenta (21%)
- Yellow (0%)
- Black (7%)



- Cyan (40%)
- Magenta (26%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9ABCED 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 9ABCED by changing the saturation by 10% instead.



 9ABCED

 9ABCED

FFFFFF

 7FA1D1

 D2F4FF

 6487B5

 EFFFFFF

 496E9A

 2E5580

 0D3E67

 00294E

 001437

 000222

 000007

 9ABCED

 9ABCED

 82AEED

 B2CAED

 6BA0ED

 C9D8ED

 5392ED

 E1E6ED

 3B84ED

 F9F4ED

 2476ED

 FFFFED

 0C68ED

 0061ED

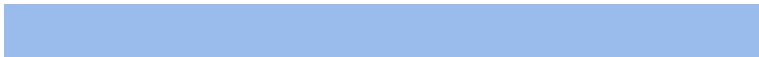
# Harmonies

## Analogous

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



79C3E6



9ABCEB



BEB3E6

# Triad

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



9ABCED



EDA9A1



93C69F

# Complementary

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



9ABCED



EDCB9A

# 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.



B1C08D



9ABCED



E2B08E

# Square

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



9ABCED



ECA7BA



CCB886



78C8B9

# Rectangle

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



9ABCED



D3ADDB



CCB886



9DC498

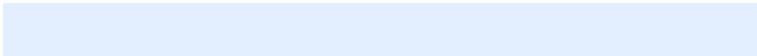


# Sweetspot

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



9ABCED



E3EEFF



9AEDCA



6F7680



000000



808080



# Same Dimension

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



9ABCED



94C0FF



A19AED



6A6E75



004AB5



001636



# Inverse Universe

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



ED9ABC



FF94C0



E6ED9A



756A6E



B5004A



360016



# Previews

## White Background



This preview shows how the Hex color 9ABCED looks on a white background.

## Color Contrast Check

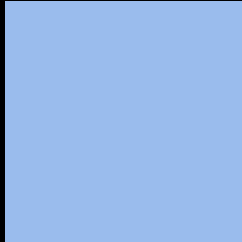
Large Text (above 18pt) WCAG AA × Fail

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 9ABCED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

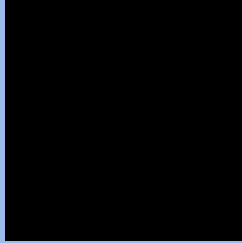
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

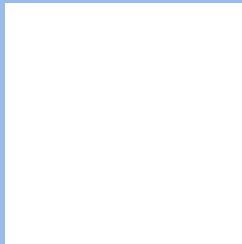
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9ABCED Background



This preview shows how black text looks on a background with the Hex color 9ABCED.

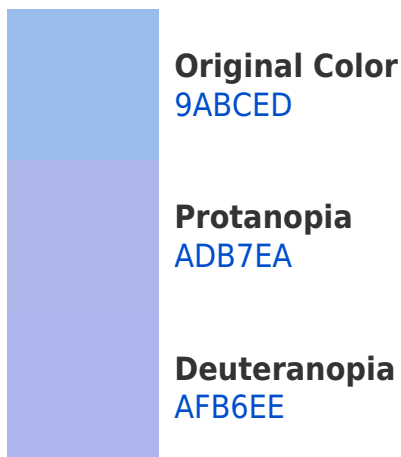


This preview shows how white text looks on a background with the Hex color 9ABCED.

# 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](#).

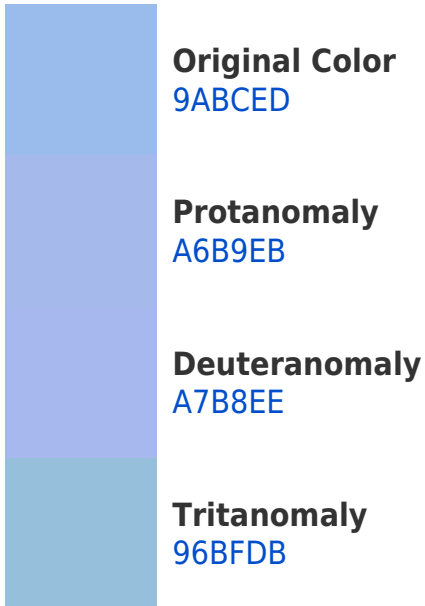
## Dichromacy



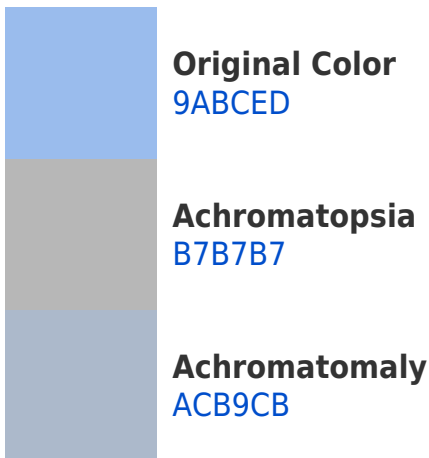


**Tritanopia**  
93C1D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9ABCED 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 #9ABCED looks like.

```
.text, #text, p{  
    color:#9ABCED  
}
```

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 #9ABCED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ABCED
}
```

## Border

The CSS property to change the border of an element to Hex 9ABCED 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
#9ABCED }
```

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

```
.border{ border-color:#9ABCED }
```

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

Here you see how a box with a 4 pixel #9ABCED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ABCED; -webkit-box-shadow:4px 4px  
4px 4px #9ABCED; box-shadow:4px 4px 4px  
4px #9ABCED }
```

# Background

The CSS property to change the background color of an element to Hex 9ABCED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ABCED }
```

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

```
.background{ background-color:#9ABCED }
```

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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