

Converting Colors

Hex(94ACEB)

Have a look what the booklet for
Hex(94ACEB) contains.

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Color

Hex(94ACEB)

Conversions

Conversions Part 1

Format	Color
Hex	94ACEB
RGB	148, 172, 235
RGB Percent	58%, 67%, 92%
CMY	0.4196, 0.3255, 0.0784
CMYK	0.37, 0.27, 0.00, 0.08
HSL	223°, 69%, 75%
HSV	223°, 37%, 92%
XYZ	41.9607, 41.7991, 84.4537
YIQ	172.0060, -34.5270, 14.5050

Conversions

Conversions Part 2

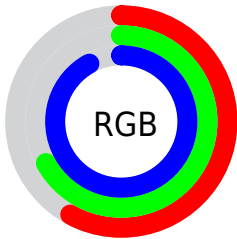
Format	Color
R _Y B	148, 167, 235
Decimal	9743595
CIE Lab	70.73, 6.87, -34.22
CIE LCh	71, 34.905, 281.357
Yxy	41.7991, 0.2494, 0.2485
Android (android.graphics.Color)	4287933675 (0xFF94ACEB)
YUV	172.0060, 31.0560, -21.0533
Hunter-Lab	64.6522, 2.7089, -32.1926

Details

The Hex color **94ACEB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EBD394**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **CCE3FF**, and **5E78B3** is the 20% darker color. If you saturate the color by 10%, you get **7D9BEB**, and if you desaturate by 10%, it is **ACBDEB**.

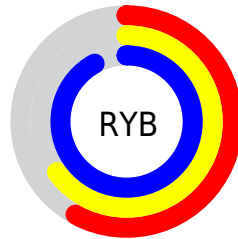
Distribution



Red (58%)

Green (67%)

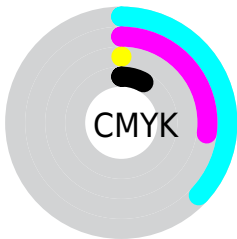
Blue (92%)



Red (58%)

Yellow (65%)

Blue (92%)

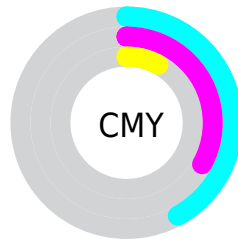


Cyan (37%)

Magenta (27%)

Yellow (0%)

Black (8%)



Cyan (42%)

Magenta (33%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94ACEB 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 94ACEB by changing the saturation by 10% instead.

■ 94ACEB

■ 94ACEB

FFFFFF

■ 7992CF

■ CCE3FF

■ 5E78B3

■ E9FFFF

■ 435F98

■ 26487E

■ 003265

■ 001D4C

■ 000235

■ 00021F

■ 000002

■ 94ACEB

■ 94ACEB

■ 7D9BEB

■ ACBDEB

■ 658AEB

■ C3CEEB

■ 4E79EB

■ DBDFEB

■ 3668EB

■ F2F0EB

■ 1F57EB

■ FFFFEB

■ 0746EB

■ 0041EB

Harmonies

Analogous

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



61B6E9



94ACEB



C0A1DD

Triad

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



94ACEB



E79A85



6DBD98

Complementary

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



94ACEB



EBD394

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.



93B87C



94ACEB



D4A471

Square

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



94ACEB



EB95A2



B7AF6E



47BEB8

Rectangle

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



94ACEB



D79ACC



B7AF6E



7ABB8E

Sweetspot

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



94ACEB



E3EBFF



94EBD2



6F7380



000000



808080

Same Dimension

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



94ACEB



8FAEFF



A794EB



6A6D75



0032B5



000F36

Inverse Universe

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



EB94AC



FF8FAE



D8EB94



756A6D



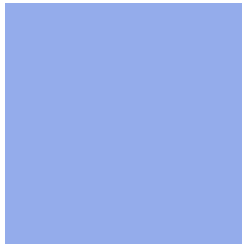
B50032



36000F

Previews

White Background



This preview shows how the Hex color 94ACEB looks on a white background.

Color Contrast Check

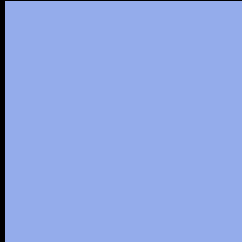
Large Text (above 18pt) WCAG AA × Fail

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 94ACEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

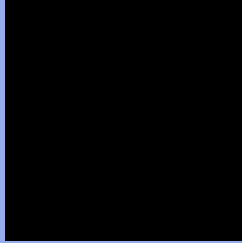
Any Text WCAG AA ✓ Pass

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 94ACEB Background



This preview shows how black text looks on a background with the Hex color 94ACEB.



This preview shows how white text looks on a background with the Hex color 94ACEB.

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](#).

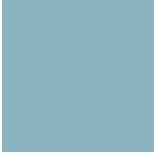
Dichromacy



Original Color
94ACEB

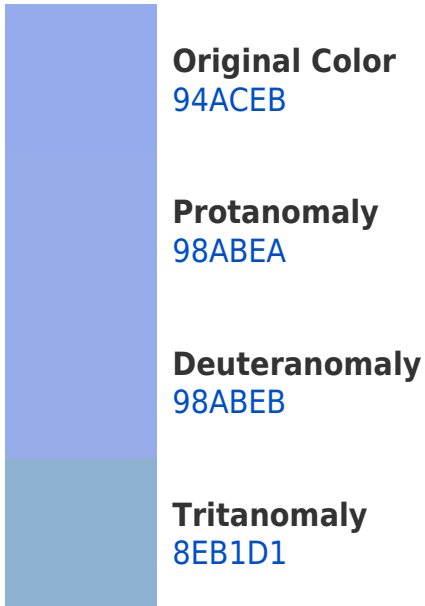
Protanopia
9AAAEA

Deuteranopia
9AAAEB

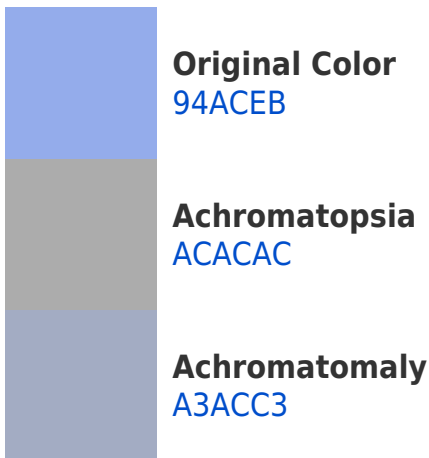


Tritanopia
8AB4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94ACEB 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 #94ACEB looks like.

```
.text, #text, p{  
    color:#94ACEB  
}
```

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 #94ACEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94ACEB
}
```

Border

The CSS property to change the border of an element to Hex 94ACEB 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
#94ACEB }
```

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

```
.border{ border-color:#94ACEB }
```

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

Here you see how a box with a 4 pixel #94ACEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94ACEB; -webkit-box-shadow:4px 4px  
4px 4px #94ACEB; box-shadow:4px 4px 4px  
4px #94ACEB }
```

Background

The CSS property to change the background color of an element to Hex 94ACEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94ACEB }
```

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

```
.background{ background-color:#94ACEB }
```

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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