

# Converting Colors

Hex(94D4EF)

Have a look what the booklet for  
Hex(94D4EF) contains.

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# **Color**

**Hex(94D4EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94D4EF
RGB	148, 212, 239
RGB Percent	58%, 83%, 94%
CMY	0.4196, 0.1686, 0.0627
CMYK	0.38, 0.11, 0.00, 0.06
HSL	198°, 74%, 76%
HSV	198°, 38%, 94%
XYZ	51.3362, 59.6149, 90.4625
YIQ	195.9420, -46.8110, -5.1710

# Conversions

## Conversions Part 2

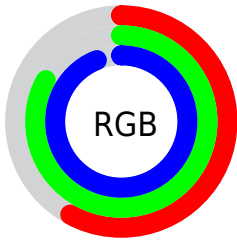
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">148, 186, 239</a>
Decimal	<a href="#">9753839</a>
CIELab	<a href="#">81.63, -13.62, -19.69</a>
CIELCh	<a href="#">82, 23.945, 235.330</a>
Yxy	<a href="#">59.6149, 0.2549, 0.2960</a>
Android (android.graphics.Color)	<a href="#">4287943919 (0xFF94D4EF)</a>
YUV	<a href="#">195.9420, 21.2276, -42.0451</a>
Hunter-Lab	<a href="#">77.2107, -16.4367, -15.4186</a>

# Details

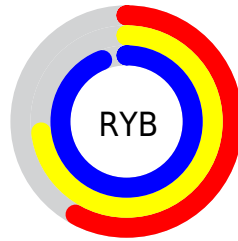
The Hex color **94D4EF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EFAF94**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **CDFFFF**, and **5D9DB7** is the 20% darker color. If you saturate the color by 10%, you get **7CCDEF**, and if you desaturate by 10%, it is **ACDBEF**.

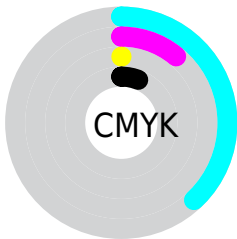
# Distribution



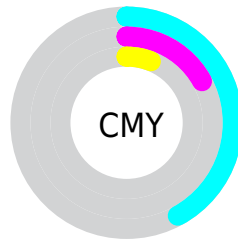
- Red (58%)
- Green (83%)
- Blue (94%)



- Red (58%)
- Yellow (73%)
- Blue (94%)



- Cyan (38%)
- Magenta (11%)
- Yellow (0%)
- Black (6%)



- Cyan (42%)
- Magenta (17%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94D4EF 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 94D4EF by changing the saturation by 10% instead.



■ 94D4EF

FFFFFF

■ CDFFFF

■ EAFFFF

■ 94D4EF

■ 78B8D3

■ 5D9DB7

■ 41839C

■ 226A82

■ 005269

■ 003B51

■ 00253A

■ 000D24

■ 00010D

 94D4EF

 94D4EF

 7CCDEF

 ACDBEF

 64C6EF

 C4E2EF

 4CBFEF

 DCE9EF

 34B8EF

 F4F0EF

 1DB1EF

 FFF7EF

 05A9EF

 FFFFEF

 00A8EF

# Harmonies

## Analogous

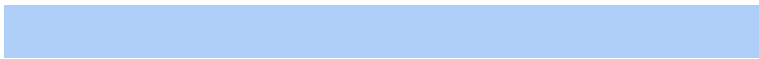
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8DD7DD



94D4EF



ACCEF7

# Triad

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



94D4EF



F5BBCF



C8CFA2

# Complementary

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



94D4EF



EFAF94

# 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.



DFC89E



94D4EF



F9BCB9

# Square

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



94D4EF



E5BFE5



F1C1A7



AED5B1

# Rectangle

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



94D4EF



C0C9F6



F1C1A7



D0CDA0



# Sweetspot

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



94D4EF



E3F7FF



94EFAE



6F7B80



000000



808080

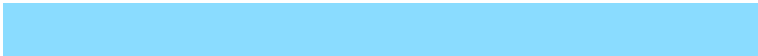


# Same Dimension

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



94D4EF



8ADCFE



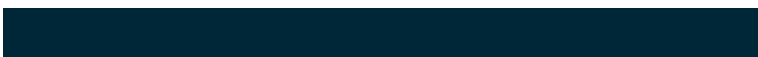
94A8EF



6C7478



0081B8



002738



# Inverse Universe

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



EF94D4



FF8ADC



EFDB94



786C74



B80081

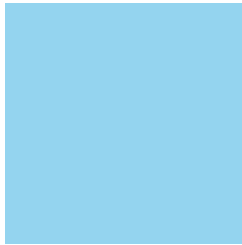


380027



# Previews

## White Background



This preview shows how the Hex color 94D4EF looks on a white background.

## Color Contrast Check

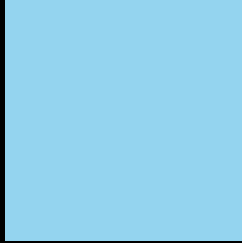
Large Text (above 18pt) WCAG AA × Fail

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 94D4EF 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 94D4EF Background



This preview shows how black text looks on a background with the Hex color 94D4EF.

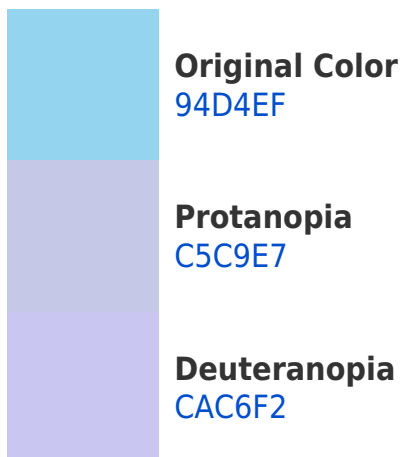


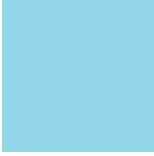
This preview shows how white text looks on a background with the Hex color 94D4EF.

# 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](#).

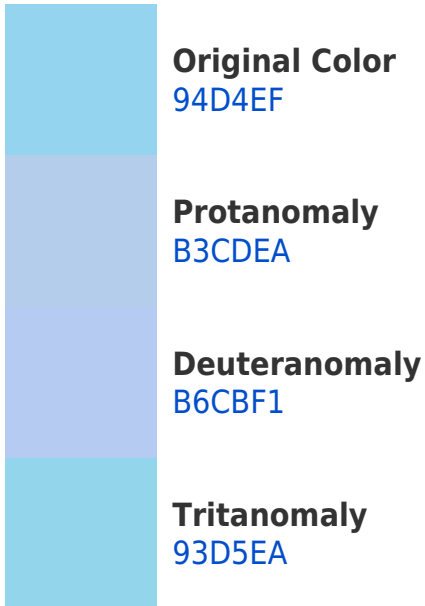
## Dichromacy



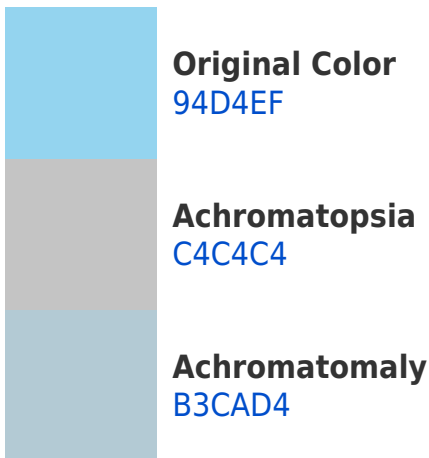


**Tritanopia**  
92D5E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94D4EF 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 #94D4EF looks like.

```
.text, #text, p{  
    color:#94D4EF  
}
```

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 #94D4EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94D4EF
}
```

## Border

The CSS property to change the border of an element to Hex 94D4EF 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
#94D4EF }
```

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

```
.border{ border-color:#94D4EF }
```

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

Here you see how a box with a 4 pixel #94D4EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94D4EF; -webkit-box-shadow:4px 4px  
4px 4px #94D4EF; box-shadow:4px 4px 4px  
4px #94D4EF }
```

# Background

The CSS property to change the background color of an element to Hex 94D4EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94D4EF }
```

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

```
.background{ background-color:#94D4EF }
```

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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