

# Converting Colors

Hex(94D9EB)

Have a look what the booklet for  
Hex(94D9EB) contains.

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# **Color**

**Hex(94D9EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94D9EB
RGB	148, 217, 235
RGB Percent	58%, 85%, 92%
CMY	0.4196, 0.1490, 0.0784
CMYK	0.37, 0.08, 0.00, 0.08
HSL	192°, 69%, 75%
HSV	192°, 37%, 92%
XYZ	52.0210, 61.9198, 87.8072
YIQ	198.4210, -46.9020, -9.0300

# Conversions

## Conversions Part 2

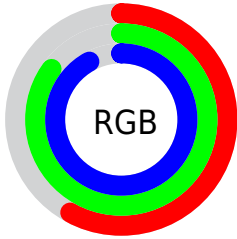
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 186, 235
Decimal	9755115
CIELab	82.87, -17.17, -15.69
CIElCh	83, 23.264, 222.422
Yxy	61.9198, 0.2579, 0.3069
Android (android.graphics.Color)	4287945195 (0xFF94D9EB)
YUV	198.4210, 18.0334, -44.2192
Hunter-Lab	78.6891, -19.7005, -11.0778

# Details

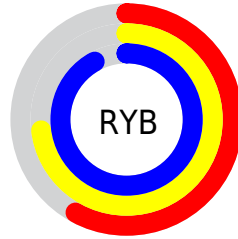
The Hex color **94D9EB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EBA694**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **CDFFFF**, and **5DA2B3** is the 20% darker color. If you saturate the color by 10%, you get **7DD4EB**, and if you desaturate by 10%, it is **ACDEEB**.

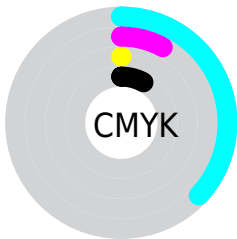
# Distribution



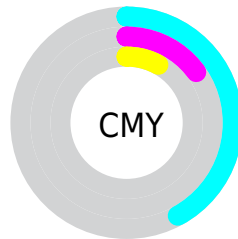
- Red (58%)
- Green (85%)
- Blue (92%)



- Red (58%)
- Yellow (73%)
- Blue (92%)



- Cyan (37%)
- Magenta (8%)
- Yellow (0%)
- Black (8%)



- Cyan (42%)
- Magenta (15%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94D9EB 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 94D9EB by changing the saturation by 10% instead.



 94D9EB

 94D9EB

FFFFFF

 78BDCF

 CDFFFF

 5DA2B3

 EAFFFF

 418898

 226E7F

 005665

 003E4D

 002837

 001321

 000008

■ 94D9EB

■ 94D9EB

■ 7DD4EB

■ ACDEEB

■ 65CFEB

■ C3E3EB

■ 4ECAEB

■ DBE8EB

■ 36C6EB

■ F2ECEB

■ 1FC1EB

■ FFF1EB

■ 07BCEB

■ FFF6EB

■ 00BAEB

■ FFFBEB

■ FFFFEB

# Harmonies

## Analogous

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



95DBD7



94D9EB



A5D4F7

# Triad

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



94D9EB



F2C0DC



D6D0A4

# Complementary

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



94D9EB



EBA694

# 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.



EBC9A5



94D9EB



FCBFC6

# Square

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



94D9EB



DDC6EF



F9C2B2



BDD6AE

# Rectangle

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



94D9EB



B7D0FA



F9C2B2



DDCDA3



# Sweetspot

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



94D9EB



E3F9FF



94EBA5



6F7C80



000000



808080

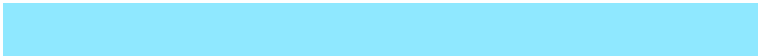


# Same Dimension

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



94D9EB



8FE8FF



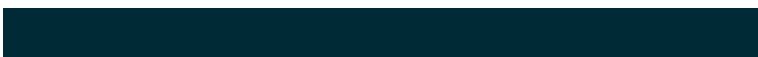
94AEEB



6A7375



0090B5



002A36



# Inverse Universe

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



EB94D9



FF8FE8



EBD194



756A73



B50090

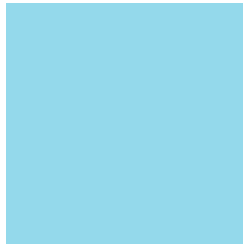


36002A



# Previews

## White Background



This preview shows how the Hex color 94D9EB looks on a white background.

## Color Contrast Check

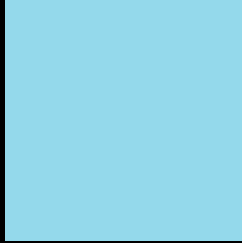
Large Text (above 18pt) WCAG AA × Fail

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 94D9EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

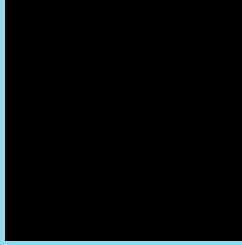
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 94D9EB Background



This preview shows how black text looks on a background with the Hex color 94D9EB.

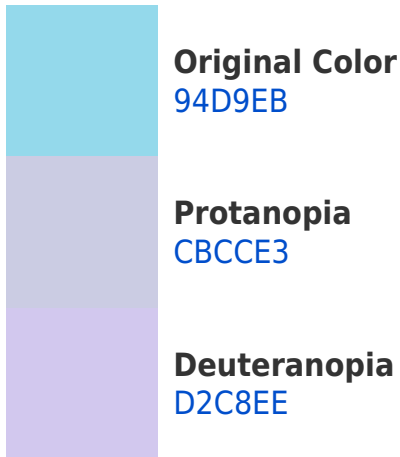


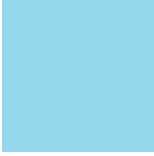
This preview shows how white text looks on a background with the Hex color 94D9EB.

# 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](#).

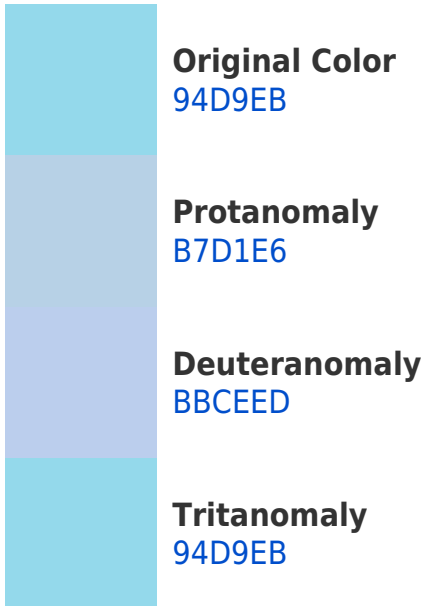
## Dichromacy



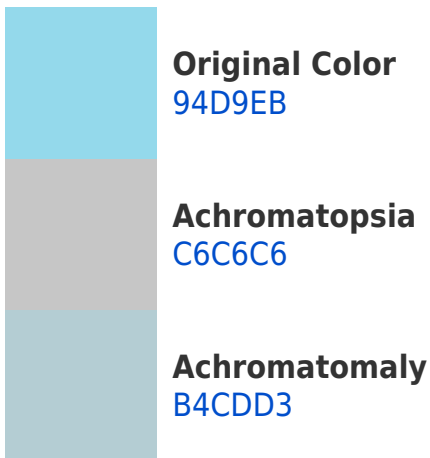


**Tritanopia**  
94D9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94D9EB 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 #94D9EB looks like.

```
.text, #text, p{  
    color:#94D9EB  
}
```

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 #94D9EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94D9EB
}
```

## Border

The CSS property to change the border of an element to Hex 94D9EB 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
#94D9EB }
```

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

```
.border{ border-color:#94D9EB }
```

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

Here you see how a box with a 4 pixel #94D9EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94D9EB; -webkit-box-shadow:4px 4px  
4px 4px #94D9EB; box-shadow:4px 4px 4px  
4px #94D9EB }
```

# Background

The CSS property to change the background color of an element to Hex 94D9EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94D9EB }
```

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

```
.background{ background-color:#94D9EB }
```

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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