

# Converting Colors

Hex(94E5CF)

Have a look what the booklet for  
Hex(94E5CF) contains.

<b>Hex(94E5CF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(94E5CF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94E5CF
RGB	148, 229, 207
RGB Percent	58%, 90%, 81%
CMY	0.4196, 0.1020, 0.1882
CMYK	0.35, 0.00, 0.10, 0.10
HSL	164°, 61%, 74%
HSV	164°, 35%, 90%
XYZ	51.4945, 66.8395, 69.2188
YIQ	202.2730, -41.2140, -24.0140

# Conversions

## Conversions Part 2

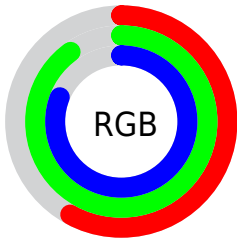
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 195, 229
Decimal	9758159
CIELab	85.42, -29.56, 2.90
CIELCh	85, 29.700, 174.401
Yxy	66.8395, 0.2746, 0.3564
Android (android.graphics.Color)	4287948239 (0xFF94E5CF)
YUV	202.2730, 2.3304, -47.5974
Hunter-Lab	81.7554, -30.6419, 7.0306

# Details

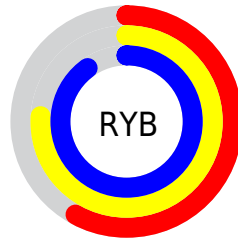
The Hex color **94E5CF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E594AA**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **CCFFFF**, and **5DAD99** is the 20% darker color. If you saturate the color by 10%, you get **7DE5C9**, and if you desaturate by 10%, it is **ABE5D5**.

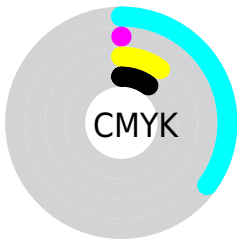
# Distribution



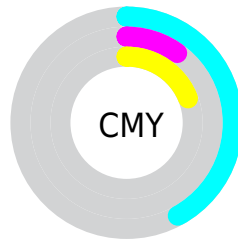
- Red (58%)
- Green (90%)
- Blue (81%)



- Red (58%)
- Yellow (76%)
- Blue (90%)



- Cyan (35%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)



- Cyan (42%)
- Magenta (10%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94E5CF 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 94E5CF by changing the saturation by 10% instead.



 94E5CF

 94E5CF

FFFFFF

 78C9B3

 CCFFFF

 5DAD99

 EAFFFF

 42927F

 257866

 005F4E

 004737

 003022

 001C0C

 000000

 94E5CF

 94E5CF

 7DE5C9

 ABE5D5

 66E5C3

 C2E5DB

 4FE5BC

 D9E5E2

 38E5B6

 F0E5E8

 21E5B0

 FFE5EE

 0BE5AA

 FFE5F4

 00E5A7

 FFE5FB

 FFE5FF

# Harmonies

## Analogous

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



B2E2B4



94E5CF



83E5EC

# Triad

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



94E5CF



D3D0FF



FFC9A9

# Complementary

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



94E5CF



E594AA

# 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.



FFC2C0



94E5CF



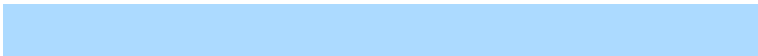
F5C7F7

# Square

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



94E5CF



ACDAFF



FFC2DC



EFD29E

# Rectangle

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



94E5CF



86E3FC



FFC2DC



FFC6AF

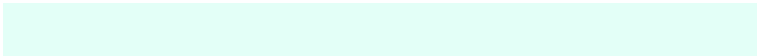


# Sweetspot

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



94E5CF



E3FFF7



ABE594



6F807B



000000



808080

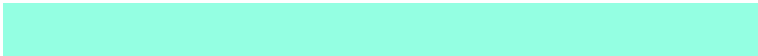


# Same Dimension

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



94E5CF



94FFE2



94D3E5



677370



00B382



003325



# Inverse Universe

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



E594AA



FF94B1



E5A694



73676A



B30030

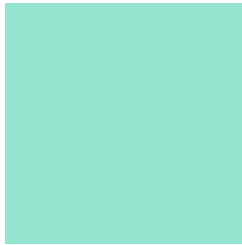


33000E



# Previews

## White Background



This preview shows how the Hex color 94E5CF looks on a white background.

## Color Contrast Check

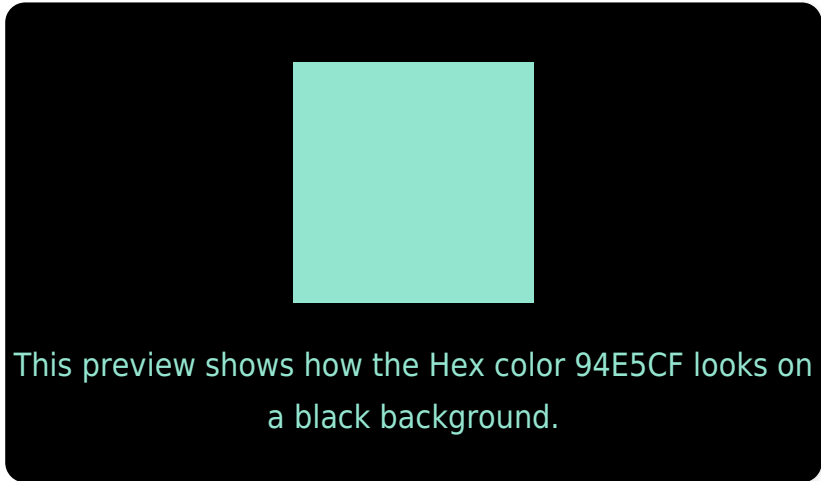
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

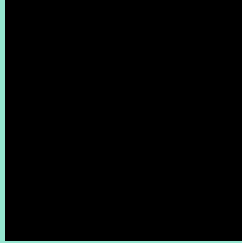
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

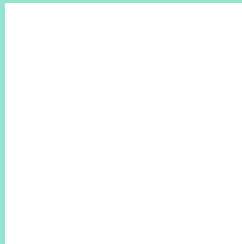
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 94E5CF Background



This preview shows how black text looks on a background with the Hex color 94E5CF.

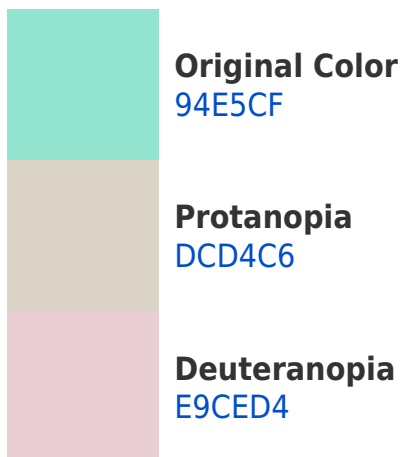


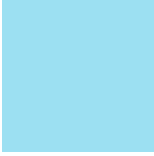
This preview shows how white text looks on a background with the Hex color 94E5CF.

# 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](#).

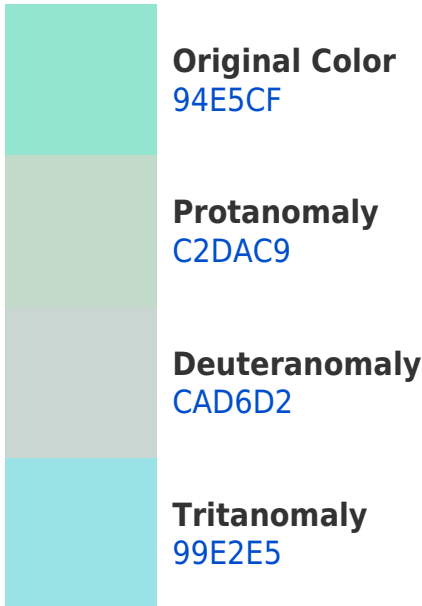
## Dichromacy



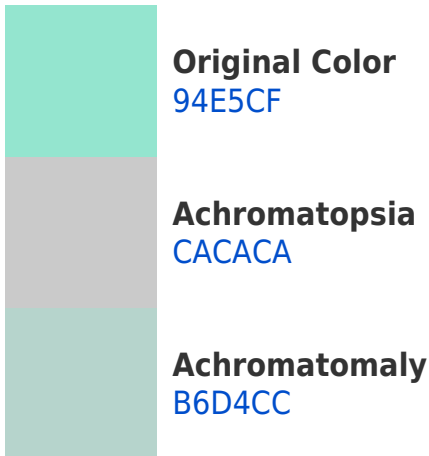


**Tritanopia**  
9CE0F2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94E5CF 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 #94E5CF looks like.

```
.text, #text, p{  
    color:#94E5CF  
}
```

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 #94E5CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94E5CF
}
```

## Border

The CSS property to change the border of an element to Hex 94E5CF 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
#94E5CF }
```

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

```
.border{ border-color:#94E5CF }
```

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

Here you see how a box with a 4 pixel #94E5CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94E5CF; -webkit-box-shadow:4px 4px  
4px 4px #94E5CF; box-shadow:4px 4px 4px  
4px #94E5CF }
```

# Background

The CSS property to change the background color of an element to Hex 94E5CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94E5CF }
```

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

```
.background{ background-color:#94E5CF }
```

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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