

# Converting Colors

Hex(94E4F6)

Have a look what the booklet for  
Hex(94E4F6) contains.

<b>Hex(94E4F6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(94E4F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94E4F6
RGB	148, 228, 246
RGB Percent	58%, 89%, 96%
CMY	0.4196, 0.1059, 0.0353
CMYK	0.40, 0.07, 0.00, 0.04
HSL	191°, 84%, 77%
HSV	191°, 40%, 96%
XYZ	56.5907, 68.4365, 97.4157
YIQ	206.1320, -53.4580, -11.3620

# Conversions

## Conversions Part 2

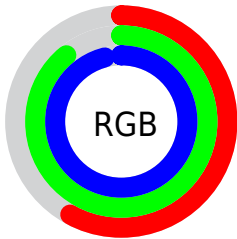
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	148, 192, 246
Decimal	9757942
CIE Lab	86.22, -19.99, -16.47
CIE LCh	86, 25.897, 219.487
Yxy	68.4365, 0.2544, 0.3077
Android (android.graphics.Color)	4287948022 (0xFF94E4F6)
YUV	206.1320, 19.6549, -50.9818
Hunter-Lab	82.7264, -22.6645, -11.9094

# Details

The Hex color **94E4F6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F6A694**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **CEFFFF**, and **5BACBE** is the 20% darker color. If you saturate the color by 10%, you get **7BDFF6**, and if you desaturate by 10%, it is **ADE9F6**.

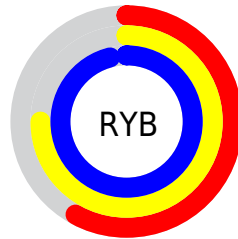
# Distribution



Red (58%)

Green (89%)

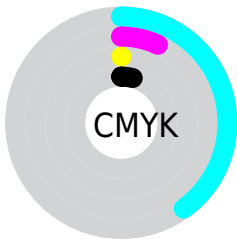
Blue (96%)



Red (58%)

Yellow (75%)

Blue (96%)

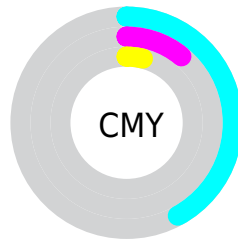


Cyan (40%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (42%)

Magenta (11%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94E4F6 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 94E4F6 by changing the saturation by 10% instead.



94E4F6

94E4F6

FFFFFF

78C8DA

CEFFFF

5BACBE

EBFFFF

3E92A3

1B7888

005F6F

004757

00303F

001D29

000115

 94E4F6

 94E4F6

 7BDFF6

 ADE9F6

 63DBF6

 C5EDF6

 4AD6F6

 DEF2F6

 32D2F6

 F6F6F6

 19CDF6

 FFFBF6

 00C9F6

 FFFFF6

# Harmonies

## Analogous

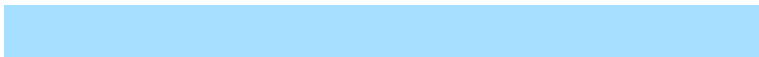
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97E6DF



94E4F6



A6DFFF

# Triad

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



94E4F6



FEC8E9



E2D9A7

# Complementary

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



94E4F6



F6A694

# 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.



F9D0AA



94E4F6



FFC6D1

# Square

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



94E4F6



E6CFFE



FFC9BA



C7E0B1

# Rectangle

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



94E4F6



BADAFF



FFC9BA



EBD6A7

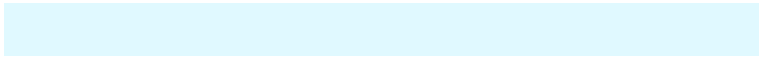


# Sweetspot

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



94E4F6



E0F9FF



94F6A6



6E7C80



000000



808080

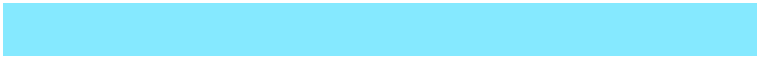


# Same Dimension

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



94E4F6



85E9FF



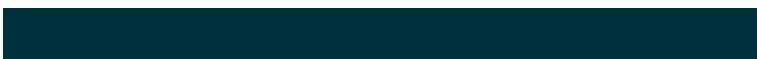
94B3F6



6E787A



0098BA



00303B



# Inverse Universe

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



F694E4



FF85E9



F6D794



7A6E78



BA0098

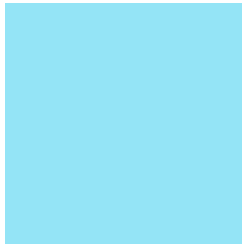


3B0030



# Previews

## White Background



This preview shows how the Hex color 94E4F6 looks on a white background.

## Color Contrast Check

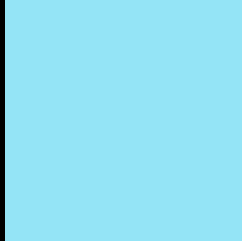
Large Text (above 18pt) WCAG AA × Fail

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 94E4F6 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 94E4F6 Background



This preview shows how black text looks on a background with the Hex color 94E4F6.

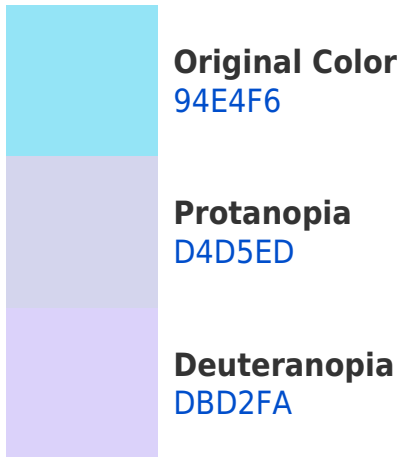


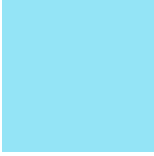
This preview shows how white text looks on a background with the Hex color 94E4F6.

# 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](#).

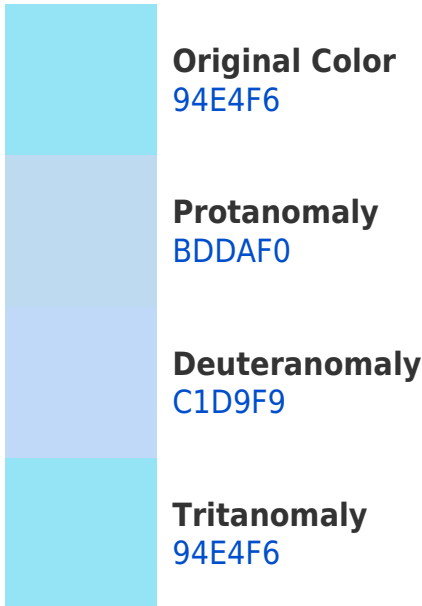
## Dichromacy



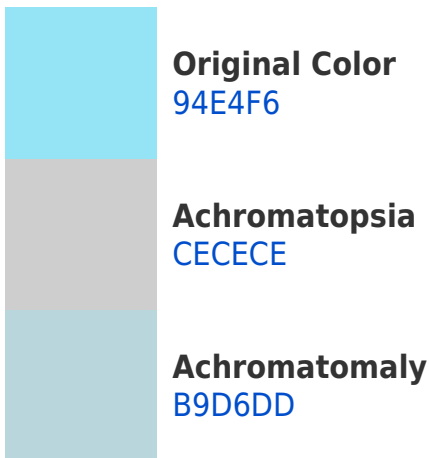


**Tritanopia**  
94E4F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94E4F6 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 #94E4F6 looks like.

```
.text, #text, p{  
    color:#94E4F6  
}
```

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 #94E4F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94E4F6  
}
```

## Border

The CSS property to change the border of an element to Hex 94E4F6 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  
#94E4F6 }
```

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

```
.border{ border-color:#94E4F6 }
```

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

Here you see how a box with a 4 pixel #94E4F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94E4F6; -webkit-box-shadow:4px 4px  
4px 4px #94E4F6; box-shadow:4px 4px 4px  
4px #94E4F6 }
```

# Background

The CSS property to change the background color of an element to Hex 94E4F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94E4F6 }
```

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

```
.background{ background-color:#94E4F6 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor