

# Converting Colors

Hex(94E0F0)

Have a look what the booklet for  
Hex(94E0F0) contains.

<b>Hex(94E0F0)</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(94E0F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94E0F0
RGB	148, 224, 240
RGB Percent	58%, 88%, 94%
CMY	0.4196, 0.1216, 0.0588
CMYK	0.38, 0.07, 0.00, 0.06
HSL	190°, 75%, 76%
HSV	190°, 38%, 94%
XYZ	54.5966, 65.8985, 92.2802
YIQ	203.1000, -50.4320, -11.1360

# Conversions

## Conversions Part 2

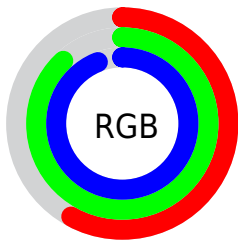
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	148, 190, 240
Decimal	9756912
CIE Lab	84.94, -19.47, -15.23
CIE LCh	85, 24.718, 218.026
Yxy	65.8985, 0.2566, 0.3097
Android (android.graphics.Color)	4287946992 (0xFF94E0F0)
YUV	203.1000, 18.1917, -48.3227
Hunter-Lab	81.1779, -22.0103, -10.5743

# Details

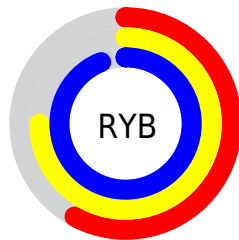
The Hex color **94E0F0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F0A494**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **CDFFFF**, and **5CA9B8** is the 20% darker color. If you saturate the color by 10%, you get **7CDCF0**, and if you desaturate by 10%, it is **ACE4F0**.

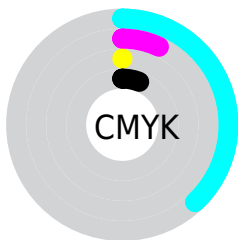
# Distribution



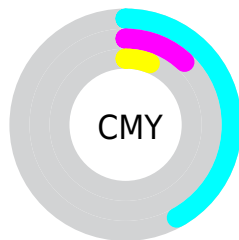
- Red (58%)
- Green (88%)
- Blue (94%)



- Red (58%)
- Yellow (75%)
- Blue (94%)



- Cyan (38%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (42%)
- Magenta (12%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94E0F0 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 94E0F0 by changing the saturation by 10% instead.



■ 94E0F0

FFFFFF

■ CDFFFF

■ EAFFFF

■ 94E0F0

■ 78C4D4

■ 5CA9B8

■ 3F8E9D

■ 1F7483

■ 005C6A


■ 004452

■ 002D3B

■ 001A25

■ 00010F

 94E0F0

 94E0F0

 7CDCF0

 ACE4F0

 64D8F0

 C4E8F0

 4CD3F0

 DCEDF0

 34CFF0

 F4F1F0

 1CCBF0

 FFF5F0

 04C7F0

 FFF9F0

 00C6F0

 FFFDF0

 FFFFF0

# Harmonies

## Analogous

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



98E2DA



94E0F0



A4DBFF

# Triad

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



94E0F0



F8C6E6



E0D5A6

# Complementary

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



94E0F0



F0A494

# 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.



F5CDA9



94E0F0



FFC4CF

# Square

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



94E0F0



E0CCF9



FFC6B8



C5DBAF

# Rectangle

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



94E0F0



B7D7FF



FFC6B8



E7D2A6

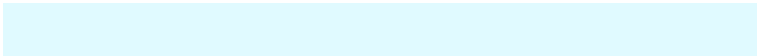


# Sweetspot

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



94E0F0



E0FAFF



94F0A3



6E7C80



000000



808080

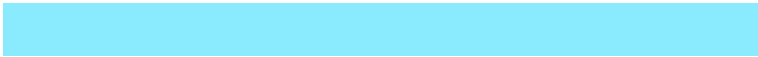


# Same Dimension

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



94E0F0



8AEBFF



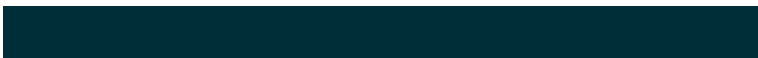
94B3F0



6C7678



0098B8



002E38



# Inverse Universe

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



F094E0



FF8AEB



F0D194



786C76



B80098

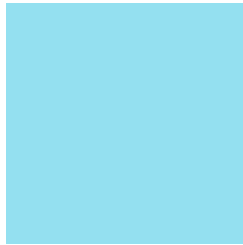


38002E



# Previews

## White Background



This preview shows how the Hex color 94E0F0 looks on a white background.

## Color Contrast Check

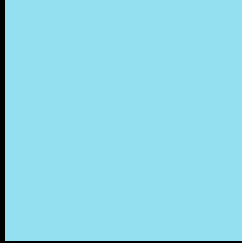
Large Text (above 18pt) WCAG AA × Fail

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 94E0F0 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 94E0F0 Background



This preview shows how black text looks on a background with the Hex color 94E0F0.

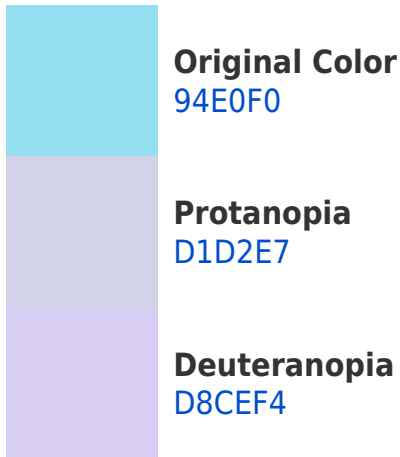


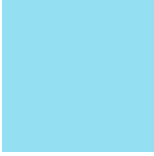
This preview shows how white text looks on a background with the Hex color 94E0F0.

# 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](#).

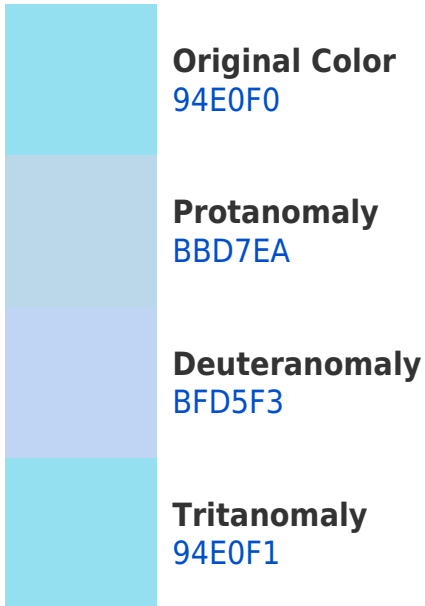
## Dichromacy



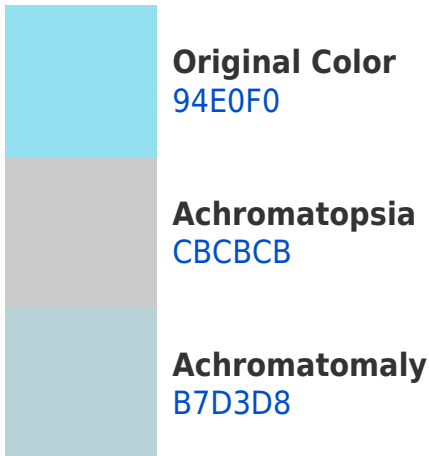


**Tritanopia**  
94E0F2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94E0F0 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 #94E0F0 looks like.

```
.text, #text, p{  
    color:#94E0F0  
}
```

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 #94E0F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94E0F0
}
```

## Border

The CSS property to change the border of an element to Hex 94E0F0 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
#94E0F0 }
```

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

```
.border{ border-color:#94E0F0 }
```

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

Here you see how a box with a 4 pixel #94E0F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94E0F0; -webkit-box-shadow:4px 4px  
4px 4px #94E0F0; box-shadow:4px 4px 4px  
4px #94E0F0 }
```

# Background

The CSS property to change the background color of an element to Hex 94E0F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94E0F0 }
```

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

```
.background{ background-color:#94E0F0 }
```

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