

Converting Colors

Hex(94E6F0)

Have a look what the booklet for
Hex(94E6F0) contains.

Hex(94E6F0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(94E6F0)

Conversions

Conversions Part 1

Format	Color
Hex	94E6F0
RGB	148, 230, 240
RGB Percent	58%, 90%, 94%
CMY	0.4196, 0.0980, 0.0588
CMYK	0.38, 0.04, 0.00, 0.06
HSL	187°, 75%, 76%
HSV	187°, 38%, 94%
XYZ	56.2377, 69.1808, 92.8273
YIQ	206.6220, -52.0820, -14.2740

Conversions

Conversions Part 2

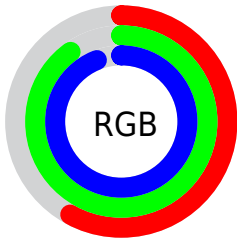
Format	Color
R _Y B	148, 191, 240
Decimal	9758448
CIE Lab	86.59, -22.45, -12.76
CIE LCh	87, 25.825, 209.602
Yxy	69.1808, 0.2577, 0.3170
Android (android.graphics.Color)	4287948528 (0xFF94E6F0)
YUV	206.6220, 16.4554, -51.4115
Hunter-Lab	83.1750, -24.8657, -7.9480

Details

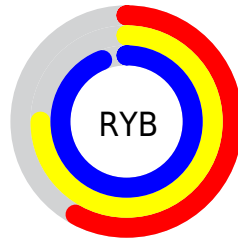
The Hex color **94E6F0** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F09E94**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **CDFFFF**, and **5CAEB8** is the 20% darker color. If you saturate the color by 10%, you get **7CE3F0**, and if you desaturate by 10%, it is **ACE9F0**.

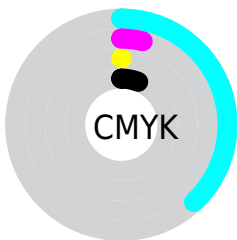
Distribution



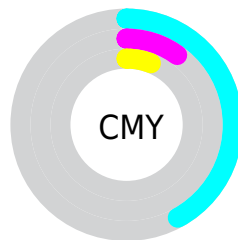
- Red (58%)
- Green (90%)
- Blue (94%)



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



- Cyan (38%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (42%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94E6F0 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 94E6F0 by changing the saturation by 10% instead.

 94E6F0

FFFFFF

 CDFFFF

 EBFFFF

 94E6F0

 78CAD4

 5CAEB8

 3F949D

 1D7A83

 00616A

 004852

 00323B

 001E25

 000110

 94E6F0

 94E6F0

 7CE3F0

 ACE9F0

 64E1F0

 C4EBF0

 4CDEF0

 DCEEF0

 34DCF0

 F4F0F0

 1CD9F0

 FFF3F0

 04D6F0

 FFF6F0

 00D6F0

 FFF8F0

 FFFBF0

 FFFDF0

Harmonies

Analogous

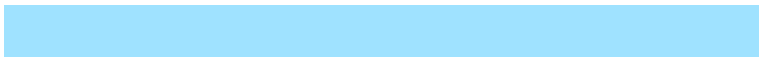
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9EE7D8



94E6F0



9FE2FF

Triad

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



94E6F0



F8CBF2



ECD7A8

Complementary

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



94E6F0



F09E94

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.



FFCFAF



94E6F0



FFC7DA

Square

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



94E6F0



DDD3FF



FFC9C2



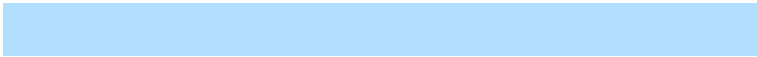
D1DFAE

Rectangle

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



94E6F0



B1DEFF



FFC9C2



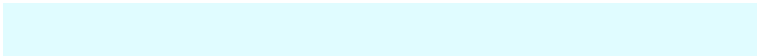
F3D4A9

Sweetspot

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



94E6F0



E0FCFF



94F09D



6E7E80



000000



808080

Same Dimension

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



94E6F0



8AF2FF



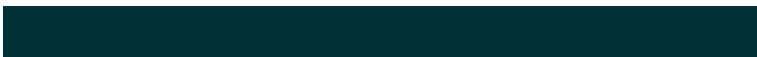
94B9F0



6C7778



00A4B8



003238

Inverse Universe

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



F094E6



FF8AF2



F0CB94



786C77



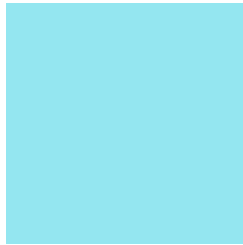
B800A4



380032

Previews

White Background



This preview shows how the Hex color 94E6F0 looks on a white background.

Color Contrast Check

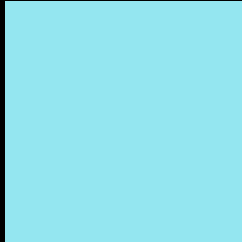
Large Text (above 18pt) WCAG AA × Fail

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 94E6F0 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 94E6F0 Background



This preview shows how black text looks on a background with the Hex color 94E6F0.

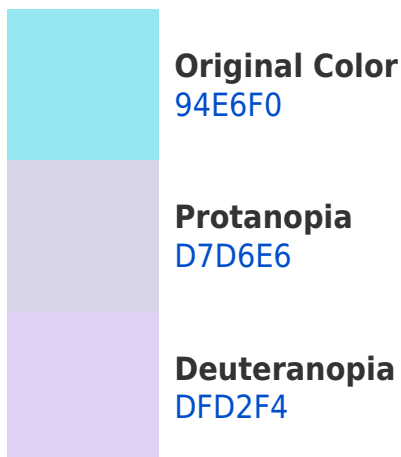


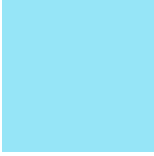
This preview shows how white text looks on a background with the Hex color 94E6F0.

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](#).

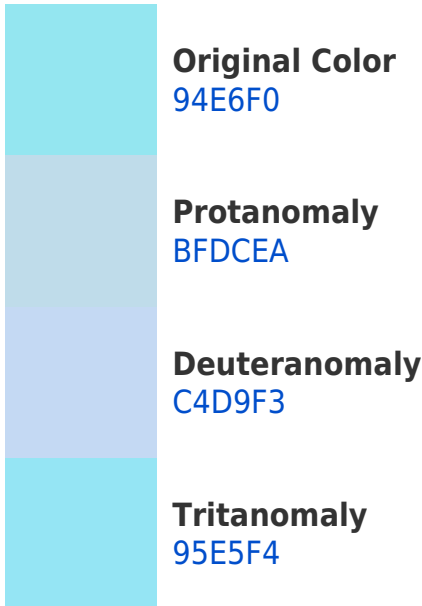
Dichromacy



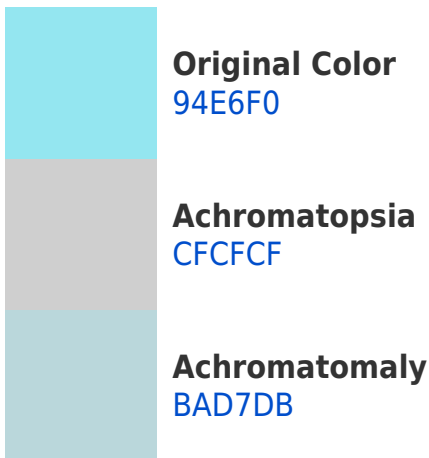


Tritanopia
96E5F7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94E6F0 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 #94E6F0 looks like.

```
.text, #text, p{  
    color:#94E6F0  
}
```

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 #94E6F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94E6F0  
}
```

Border

The CSS property to change the border of an element to Hex 94E6F0 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  
#94E6F0 }
```

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

```
.border{ border-color:#94E6F0 }
```

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

Here you see how a box with a 4 pixel #94E6F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94E6F0; -webkit-box-shadow:4px 4px  
4px 4px #94E6F0; box-shadow:4px 4px 4px  
4px #94E6F0 }
```

Background

The CSS property to change the background color of an element to Hex 94E6F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94E6F0 }
```

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

```
.background{ background-color:#94E6F0 }
```

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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