

Converting Colors

Hex(94CFE0)

Have a look what the booklet for
Hex(94CFE0) contains.

Hex(94CFE0)	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(94CFE0)

Conversions

Conversions Part 1

Format	Color
Hex	94CFE0
RGB	148, 207, 224
RGB Percent	58%, 81%, 88%
CMY	0.4196, 0.1882, 0.1216
CMYK	0.34, 0.08, 0.00, 0.12
HSL	193°, 55%, 73%
HSV	193°, 34%, 88%
XYZ	47.9801, 56.3034, 78.8598
YIQ	191.2970, -40.6210, -7.2210

Conversions

Conversions Part 2

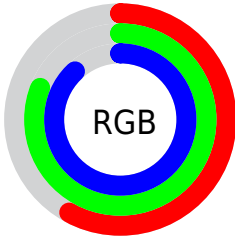
Format	Color
R _Y B	148, 181, 224
Decimal	9752544
CIE Lab	79.79, -14.75, -14.46
CIE LCh	80, 20.659, 224.424
Yxy	56.3034, 0.2620, 0.3074
Android (android.graphics.Color)	4287942624 (0xFF94CFE0)
YUV	191.2970, 16.1226, -37.9715
Hunter-Lab	75.0356, -17.1737, -9.7869

Details

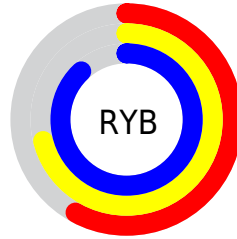
The Hex color **94CFE0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E0A594**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **CCFFFF**, and **5E99A9** is the 20% darker color. If you saturate the color by 10%, you get **7ECAE0**, and if you desaturate by 10%, it is **AAD4E0**.

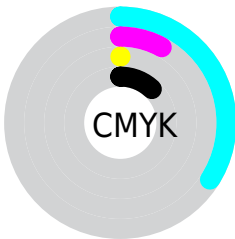
Distribution



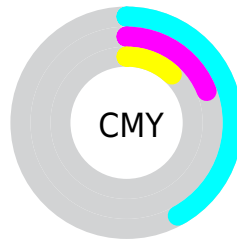
- Red (58%)
- Green (81%)
- Blue (88%)



- Red (58%)
- Yellow (71%)
- Blue (88%)



- Cyan (34%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (42%)
- Magenta (19%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94CFE0 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 94CFE0 by changing the saturation by 10% instead.

 94CFE0

 94CFE0

FFFFFF

 79B3C4

 CCFFFF

 5E99A9

 E9FFFF

 437F8E

 276675

 014D5C

 003745

 00212E

 00011A

 000000

■ 94CFE0

■ 94CFE0

■ 7ECAE0

■ AAD4E0

■ 67C5E0

■ C1D9E0

■ 51C0E0

■ D7DEE0

■ 3ABBE0

■ EEE3E0

■ 24B6E0

■ FFE8E0

■ 0EB1E0

■ FFEDE0

■ 00AEE0

■ FFF2E0

■ FFF7E0

■ FFFCE0

Harmonies

Analogous

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



93D1CF



94CFE0



A4CBEA

Triad

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



94CFE0



E6B9D1



CBC7A0

Complementary

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



94CFE0



E0A594

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.



DEC1A1



94CFE0



EEB8BD

Square

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



94CFE0



D5BEE1



EBBBAC



B5CDA4

Rectangle

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



94CFE0



B4C6EC



EBBBAC



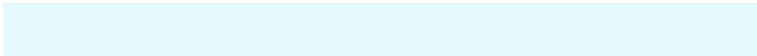
D2C5A0

Sweetspot

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



94CFE0



E6F9FF



94E0A4



707C80



000000



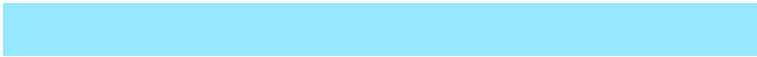
808080

Same Dimension

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



94CFE0



96E8FF



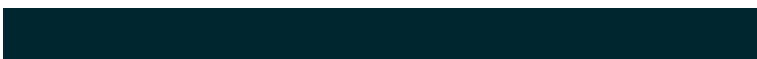
94AAE0



656E70



0089B0



002630

Inverse Universe

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



E094CF



FF96E8



E0CA94



70656E



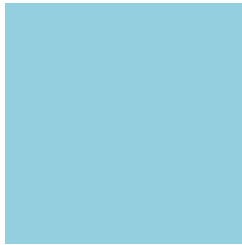
B00089



300026

Previews

White Background



This preview shows how the Hex color 94CFE0 looks on a white background.

Color Contrast Check

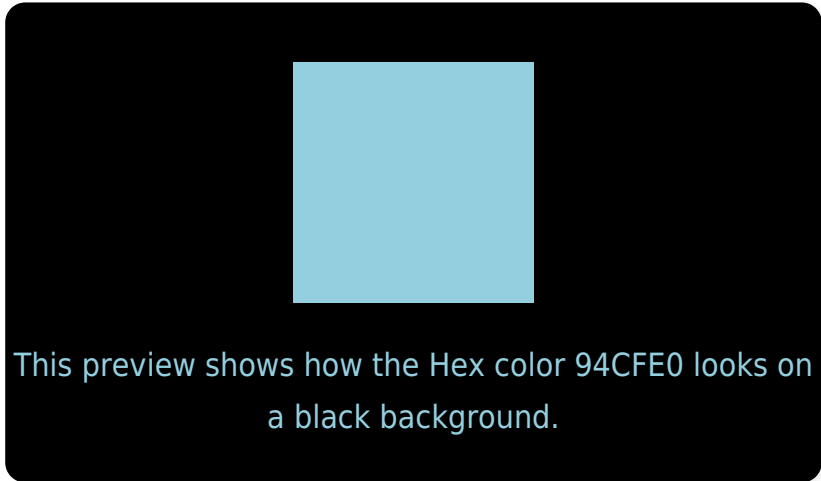
Large Text (above 18pt) WCAG AA × Fail

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

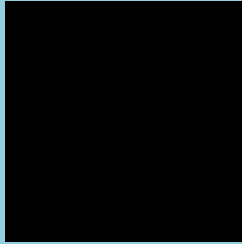
Any Text WCAG AA ✓ Pass

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 94CFE0 Background



This preview shows how black text looks on a background with the Hex color 94CFE0.

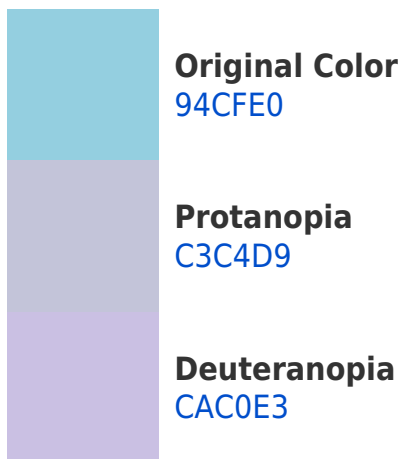


This preview shows how white text looks on a background with the Hex color 94CFE0.

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](#).

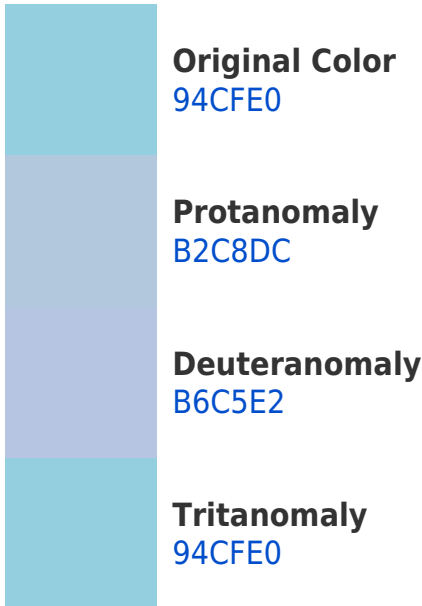
Dichromacy



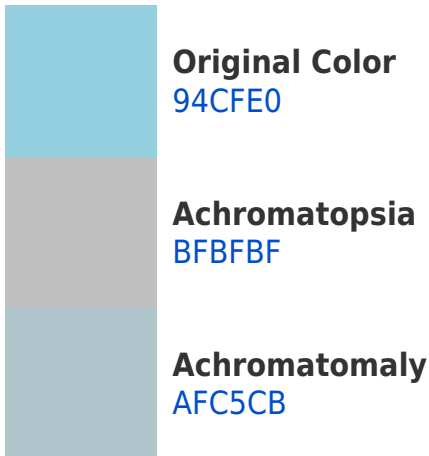


Tritanopia
94CFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94CFE0 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 #94CFE0 looks like.

```
.text, #text, p{  
    color:#94CFE0  
}
```

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 #94CFE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94CFE0
}
```

Border

The CSS property to change the border of an element to Hex 94CFE0 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
#94CFE0 }
```

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

```
.border{ border-color:#94CFE0 }
```

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

Here you see how a box with a 4 pixel #94CFE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94CFE0; -webkit-box-shadow:4px 4px  
4px 4px #94CFE0; box-shadow:4px 4px 4px  
4px #94CFE0 }
```

Background

The CSS property to change the background color of an element to Hex 94CFE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94CFE0 }
```

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

```
.background{ background-color:#94CFE0 }
```

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