

Converting Colors

Hex(94DFEB)

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

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Color

Hex(94DFEB)

Conversions

Conversions Part 1

Format	Color
Hex	94DFEB
RGB	148, 223, 235
RGB Percent	58%, 87%, 92%
CMY	0.4196, 0.1255, 0.0784
CMYK	0.37, 0.05, 0.00, 0.08
HSL	188°, 69%, 75%
HSV	188°, 37%, 92%
XYZ	53.5958, 65.0694, 88.3321
YIQ	201.9430, -48.5520, -12.1680

Conversions

Conversions Part 2

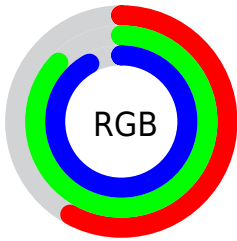
Format	Color
RYB	148, 188, 235
Decimal	9756651
CIELab	84.52, -20.19, -13.22
CIELCh	85, 24.137, 213.213
Yxy	65.0694, 0.2589, 0.3143
Android (android.graphics.Color)	4287946731 (0xFF94DFEB)
YUV	201.9430, 16.2971, -47.3080
Hunter-Lab	80.6656, -22.5659, -8.4590

Details

The Hex color **94DFEB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EBA094**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **CDFFFF**, and **5CA8B3** is the 20% darker color. If you saturate the color by 10%, you get **7DDCEB**, and if you desaturate by 10%, it is **ACE2EB**.

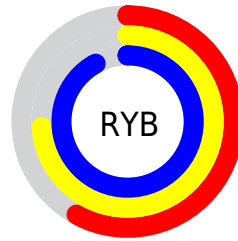
Distribution



Red (58%)

Green (87%)

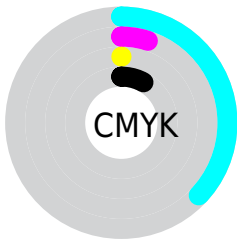
Blue (92%)



Red (58%)

Yellow (74%)

Blue (92%)

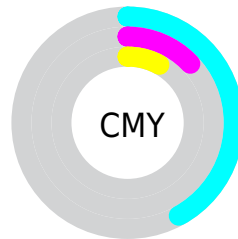


Cyan (37%)

Magenta (5%)

Yellow (0%)

Black (8%)



Cyan (42%)

Magenta (13%)

Yellow (8%)

Brightness & Saturation Gradients

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

 94DFEB

FFFFFF

 CDFFFF

 EAFFFF

 94DFEB

 78C3CF

 5CA8B3

 408D99

 21737F

 005B66

 00434E

 002C37

 001A21

 000009

 94DFEB

 94DFEB

 7DDCEB

 ACE2EB

 65D9EB

 C3E5EB

 4ED5EB

 DBE9EB

 36D2EB

 F2ECEB

 1FCFEB

 FFEFEB

 07CCEB

 FFF2EB

 00CBEB

 FFF6EB

 FFF9EB

 FFFCEB

Harmonies

Analogous

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



9BE0D5



94DFEB



A1DBFB

Triad

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



94DFEB



F3C6E8



E2D2A6

Complementary

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



94DFEB



EBA094

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.



F6CBAB



94DFEB



FFC3D1

Square

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



94DFEB



DACCF9



FFC5BB



C9D9AC

Rectangle

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



94DFEB



B2D7FF



FFC5BB



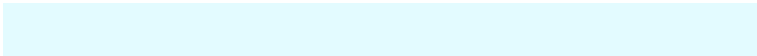
E9D0A6

Sweetspot

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



94DFEB



E3FBFF



94EBA0



6F7D80



000000



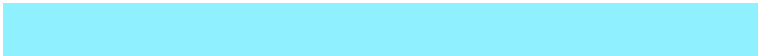
808080

Same Dimension

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



94DFEB



8FF0FF



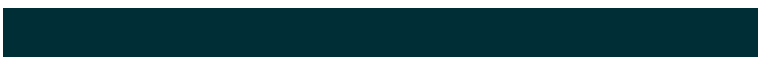
94B4EB



6A7475



009CB5



002E36

Inverse Universe

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



EB94DF



FF8FF0



EBCB94



756A74



B5009C



36002E

Previews

White Background



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

Color Contrast Check

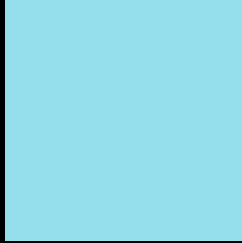
Large Text (above 18pt) WCAG AA × Fail

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 94DFEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

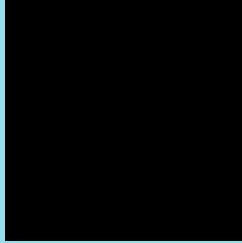
Any Text WCAG AA ✓ Pass

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 94DFEB Background



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

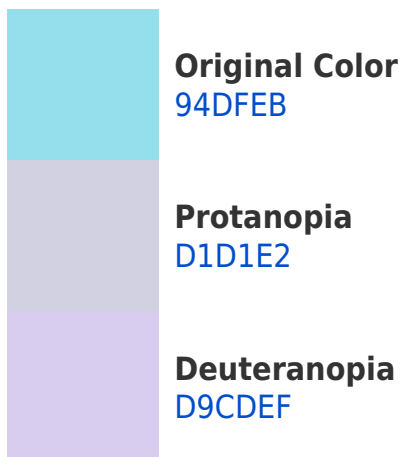


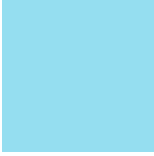
This preview shows how white text looks on a background with the Hex color 94DFEB.

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](#).

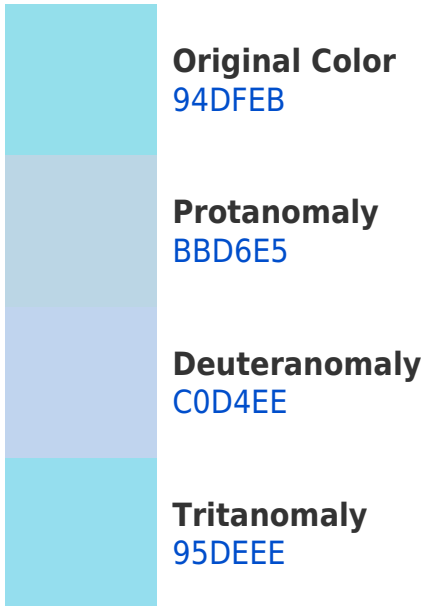
Dichromacy



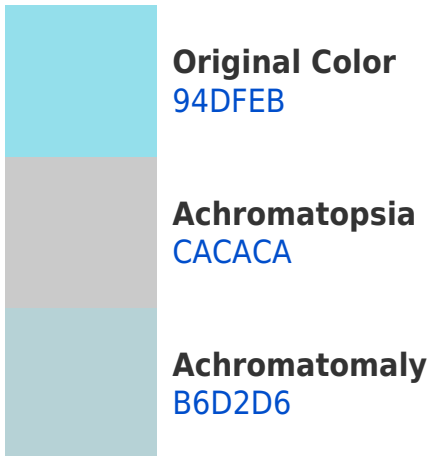


Tritanopia
95DEF0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #94DFEB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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