

Converting Colors

Hex(97DCFB)

Have a look what the booklet for
Hex(97DCFB) contains.

Hex(97DCFB)	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(97DCFB)

Conversions

Conversions Part 1

Format	Color
Hex	97DCFB
RGB	151, 220, 251
RGB Percent	59%, 86%, 98%
CMY	0.4078, 0.1373, 0.0157
CMYK	0.40, 0.12, 0.00, 0.02
HSL	199°, 93%, 79%
HSV	199°, 40%, 98%
XYZ	55.7683, 64.7307, 100.8218
YIQ	202.9030, -51.0750, -4.9870

Conversions

Conversions Part 2

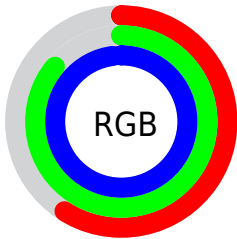
Format	Color
RYB	151, 192, 251
Decimal	9952507
CIELab	84.34, -13.93, -21.93
CIELCh	84, 25.981, 237.569
Yxy	64.7307, 0.2520, 0.2925
Android (android.graphics.Color)	4288142587 (0xFF97DCFB)
YUV	202.9030, 23.7118, -45.5189
Hunter-Lab	80.4554, -17.0683, -17.9798

Details

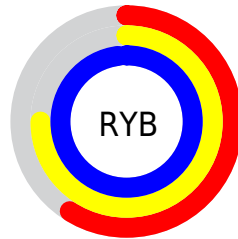
The Hex color **97DCFB** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FBB697**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **D0FFFF**, and **5FA5C2** is the 20% darker color. If you saturate the color by 10%, you get **7ED4FB**, and if you desaturate by 10%, it is **B0E4FB**.

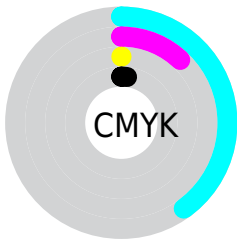
Distribution



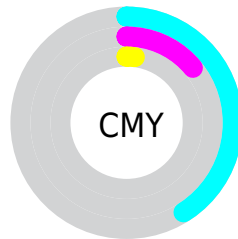
- Red (59%)
- Green (86%)
- Blue (98%)



- Red (59%)
- Yellow (75%)
- Blue (98%)



- Cyan (40%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (41%)
- Magenta (14%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97DCFB 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 97DCFB by changing the saturation by 10% instead.

 97DCFB

 97DCFB

FFFFFF

 7BC0DE

 D0FFFF

 5FA5C2

 EEEFFF

 428BA7

 21718D

 005973

 00415A

 002B43

 00182D

 000118

 97DCFB

 97DCFB

 7ED4FB

 B0E4FB

 65CCFB

 C9ECFB

 4CC5FB

 E2F3FB

 33BDFB

 FBFBBF

 19B5FB

 FFFFFB

 00ADFB

Harmonies

Analogous

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



8DE0E8



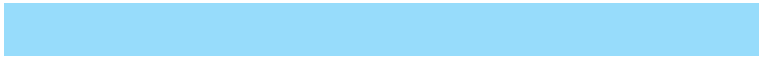
97DCFB



B3D5FF

Triad

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



97DCFB



FFC1D5



CDD8A7

Complementary

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



97DCFB



FBB697

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.



E7D0A2



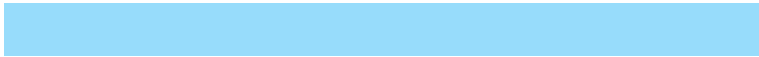
97DCFB



FFC2BD

Square

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



97DCFB



F0C5ED



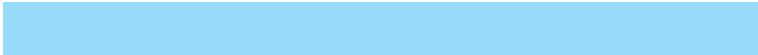
FBC8AA



B1DEB7

Rectangle

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



97DCFB



C9D0FF



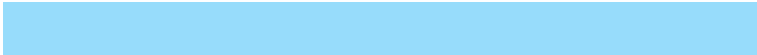
FBC8AA



D6D5A4

Sweetspot

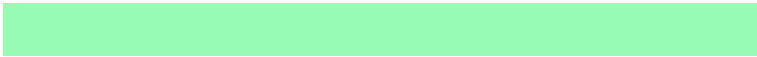
The Sweet Spot groups the original color and five complimentary colors.



97DCFB



E0F6FF



97FBB5



6E7A80



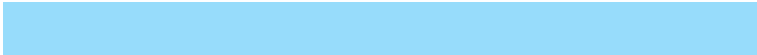
000000



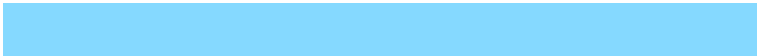
808080

Same Dimension

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



97DCFB



85D9FF



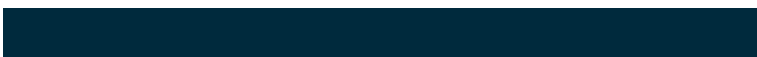
97ABFB



70797D



0082BD



002A3D

Inverse Universe

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



FB97DC



FF85D9



FBE797



7D7079



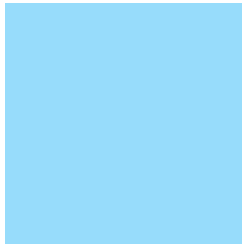
BD0082



3D002A

Previews

White Background



This preview shows how the Hex color 97DCFB looks on a white background.

Color Contrast Check

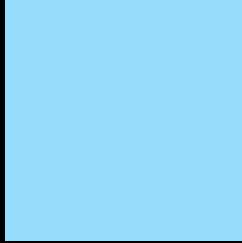
Large Text (above 18pt) WCAG AA × Fail

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 97DCFB 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 97DCFB Background



This preview shows how black text looks on a background with the Hex color 97DCFB.

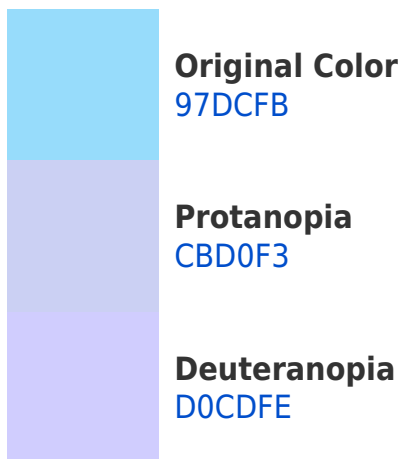


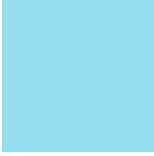
This preview shows how white text looks on a background with the Hex color 97DCFB.

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](#).

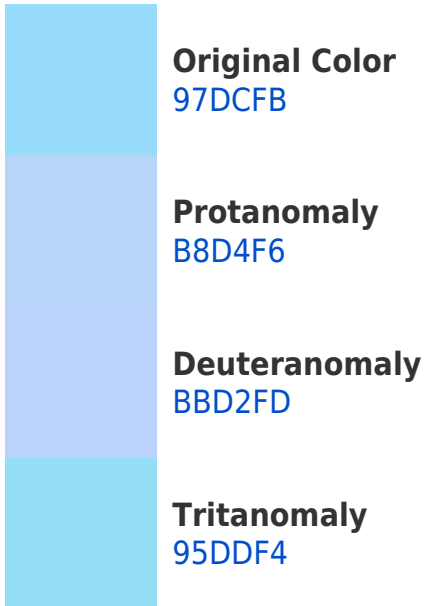
Dichromacy



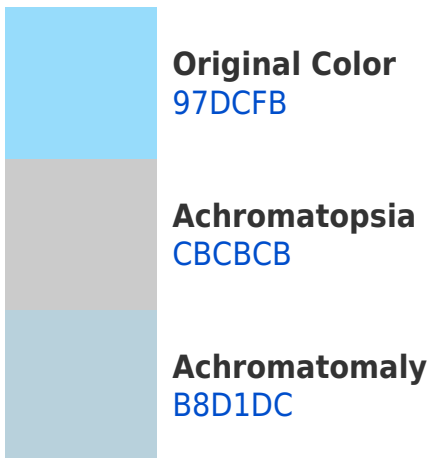


Tritanopia
94DEF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97DCFB 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 #97DCFB looks like.

```
.text, #text, p{  
    color:#97DCFB  
}
```

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 #97DCFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97DCFB  
}
```

Border

The CSS property to change the border of an element to Hex 97DCFB 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  
#97DCFB }
```

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

```
.border{ border-color:#97DCFB }
```

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

Here you see how a box with a 4 pixel #97DCFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97DCFB; -webkit-box-shadow:4px 4px  
4px 4px #97DCFB; box-shadow:4px 4px 4px  
4px #97DCFB }
```

Background

The CSS property to change the background color of an element to Hex 97DCFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97DCFB }
```

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

```
.background{ background-color:#97DCFB }
```

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