

Converting Colors

Hex(97DBFF)

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

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Color

Hex(97DBFF)

Conversions

Conversions Part 1

Format	Color
Hex	97DBFF
RGB	151, 219, 255
RGB Percent	59%, 86%, 100%
CMY	0.4078, 0.1412, 0.0000
CMYK	0.41, 0.14, 0.00, 0.00
HSL	201°, 100%, 80%
HSV	201°, 41%, 100%
XYZ	56.1440, 64.4623, 104.0911
YIQ	202.7720, -52.0840, -3.2200

Conversions

Conversions Part 2

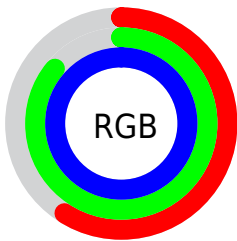
Format	Color
RYB	151, 192, 255
Decimal	9952255
CIELab	84.21, -12.40, -24.25
CIELCh	84, 27.238, 242.927
Yxy	64.4623, 0.2499, 0.2869
Android (android.graphics.Color)	4288142335 (0xFF97DBFF)
YUV	202.7720, 25.7484, -45.4040
Hunter-Lab	80.2884, -15.6835, -20.6655

Details

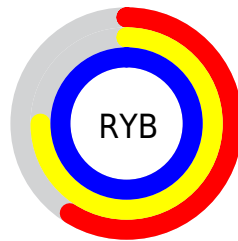
The Hex color **97DBFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFBB97**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **D1FFFF**, and **5EA4C6** is the 20% darker color. If you saturate the color by 10%, you get **7ED2FF**, and if you desaturate by 10%, it is **B1E4FF**.

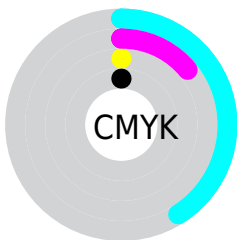
Distribution



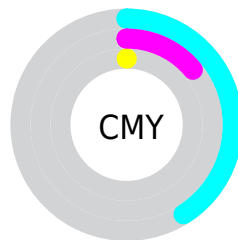
- Red (59%)
- Green (86%)
- Blue (100%)



- Red (59%)
- Yellow (75%)
- Blue (100%)



- Cyan (41%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 97DBFF

 97DBFF

FFFFFF

 7BBFE2

 D1FFFF

 5EA4C6

 EEEFFF

 418AAB

 207090

 005877

 00405E

 002A46

 00172F

 00011A

 97DBFF

 97DBFF

 7ED2FF

 B1E4FF

 64C9FF

 CAEDFF

 4BC1FF

 E4F5FF

 31B8FF

 FDFEFF

 18AFFF

 FFFFFFFF

 00A7FF

Harmonies

Analogous

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



88E0ED



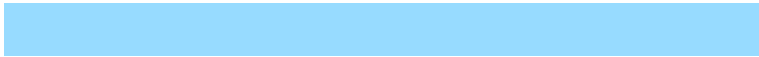
97DBFF



B7D4FF

Triad

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



97DBFF



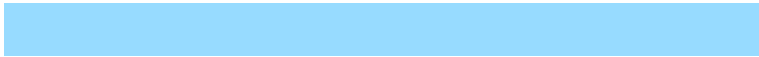
FFC0D0



C7D9A6

Complementary

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



97DBFF



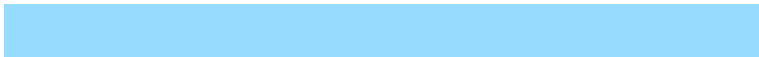
FFBB97

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.



E3D19F



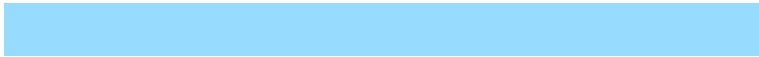
97DBFF



FFC2B7

Square

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



97DBFF



F6C3EA



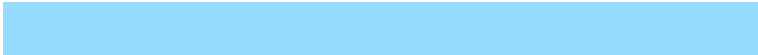
F9C9A5



A9DEBA

Rectangle

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



97DBFF



CECEFF



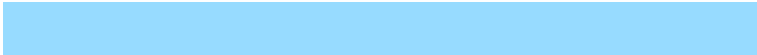
F9C9A5



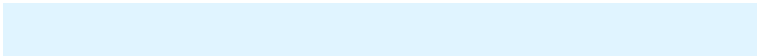
D0D7A2

Sweetspot

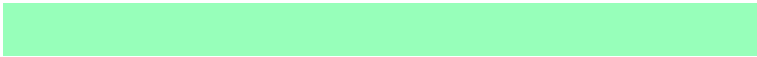
The Sweet Spot groups the original color and five complimentary colors.



97DBFF



E0F4FF



97FFBA



6E7980



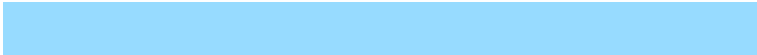
000000



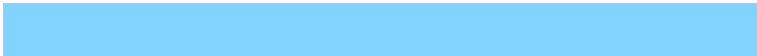
808080

Same Dimension

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



97DBFF



82D4FF



97A8FF



737B80



007DBF



002A40

Inverse Universe

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



FF97DB



FF82D4



FFEE97



80737B



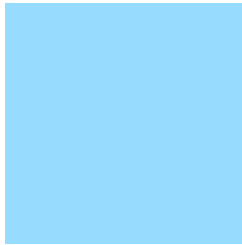
BF007D



40002A

Previews

White Background



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

Color Contrast Check

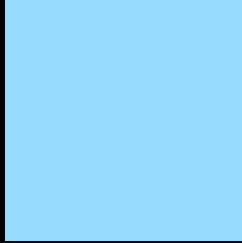
Large Text (above 18pt) WCAG AA × Fail

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 97DBFF 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

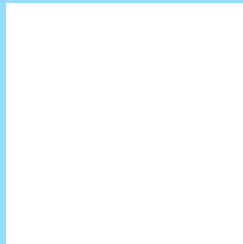
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 97DBFF Background



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



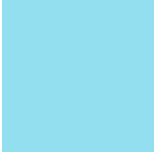
This preview shows how white text looks on a background with the Hex color 97DBFF.

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](#).

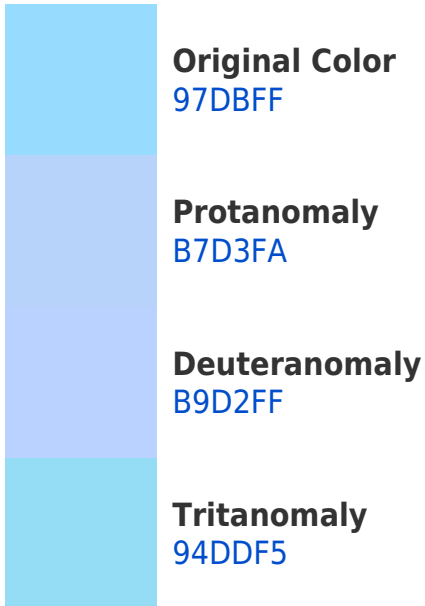
Dichromacy



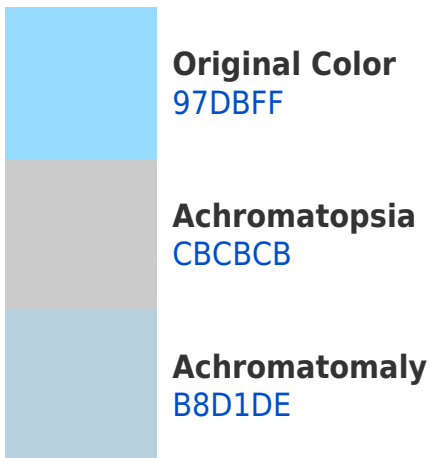


Tritanopia
93DEEF

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #97DBFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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