

# Converting Colors

Hex(99DBFF)

Have a look what the booklet for  
Hex(99DBFF) contains.

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# **Color**

**Hex(99DBFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99DBFF
RGB	153, 219, 255
RGB Percent	60%, 86%, 100%
CMY	0.4000, 0.1412, 0.0000
CMYK	0.40, 0.14, 0.00, 0.00
HSL	201°, 100%, 80%
HSV	201°, 40%, 100%
XYZ	56.5184, 64.6553, 104.1086
YIQ	203.3700, -50.8920, -2.7960

# Conversions

## Conversions Part 2

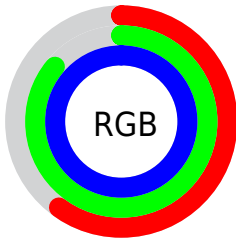
Format	Color
R <sub>Y</sub> B	153, 193, 255
Decimal	10083327
CIE Lab	84.31, -11.90, -24.09
CIE LCh	84, 26.869, 243.719
Yxy	64.6553, 0.2509, 0.2870
Android (android.graphics.Color)	4288273407 (0xFF99DBFF)
YUV	203.3700, 25.4536, -44.1745
Hunter-Lab	80.4085, -15.2490, -20.4795

# Details

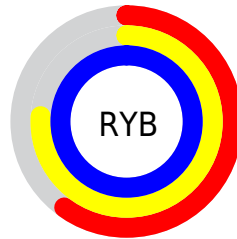
The Hex color **99DBFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFBD99**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **D3FFFF**, and **61A4C6** is the 20% darker color. If you saturate the color by 10%, you get **80D2FF**, and if you desaturate by 10%, it is **B3E4FF**.

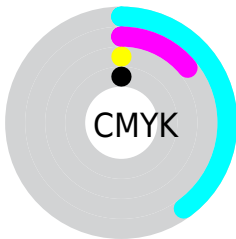
# Distribution



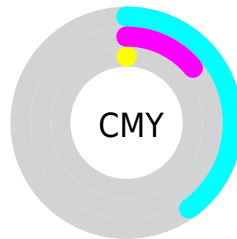
- Red (60%)
- Green (86%)
- Blue (100%)



- Red (60%)
- Yellow (76%)
- Blue (100%)



- Cyan (40%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (14%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99DBFF 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 99DBFF by changing the saturation by 10% instead.



 99DBFF

 99DBFF

FFFFFF

 7DBFE2

 D3FFFF

 61A4C6

 F0FFFF

 448AAB

 247090

 005877

 00415E

 002A46

 00172F

 00011A

 99DBFF

 99DBFF

 80D2FF

 B3E4FF

 66C9FF

 CCEDFF

 4DC0FF

 E6F6FF

 33B7FF

FFFFFF

 19AEFF

 00A5FF

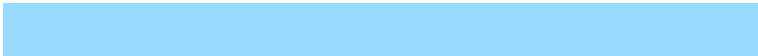
# Harmonies

## Analogous

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



8AE0EE



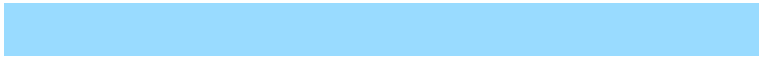
99DBFF



B8D4FF

# Triad

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



99DBFF



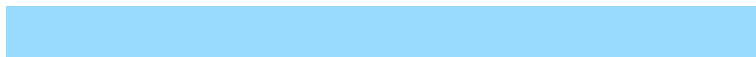
FFC0D0



C6D9A8

# Complementary

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



99DBFF



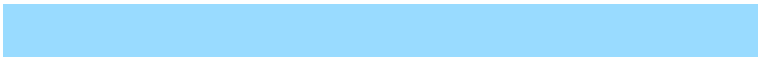
FFBD99

# 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.



E2D2A0



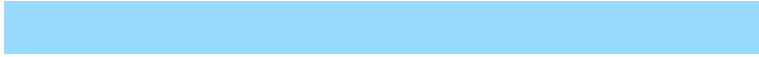
99DBFF



FFC2B7

# Square

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



99DBFF



F6C3E9



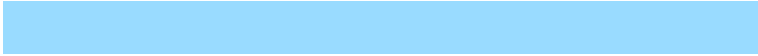
F8C9A6



AADFBB

# Rectangle

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



99DBFF



D0CEFF



F8C9A6

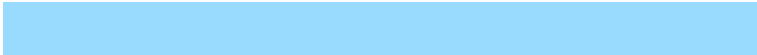


D0D7A4

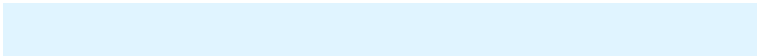


# Sweetspot

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



99DBFF



E0F4FF



99FFBD



6E7980



000000

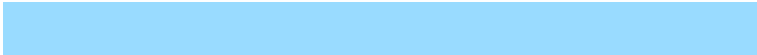


808080

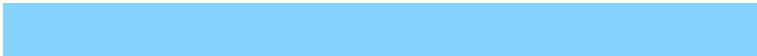


# Same Dimension

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



99DBFF



85D4FF



99A8FF



737B80



007CBF



002940



# Inverse Universe

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



FF99DB



FF85D4



FFF099



80737B



BF007C

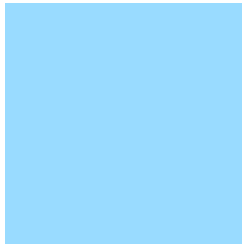


400029



# Previews

## White Background



This preview shows how the Hex color 99DBFF looks on a white background.

## Color Contrast Check

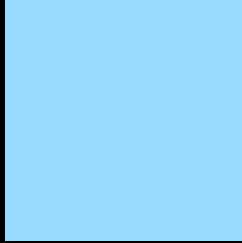
Large Text (above 18pt) WCAG AA × Fail

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 99DBFF 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 99DBFF Background



This preview shows how black text looks on a background with the Hex color 99DBFF.

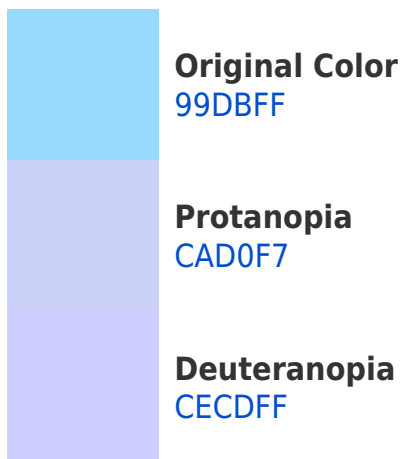


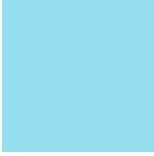
This preview shows how white text looks on a background with the Hex color 99DBFF.

# 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](#).

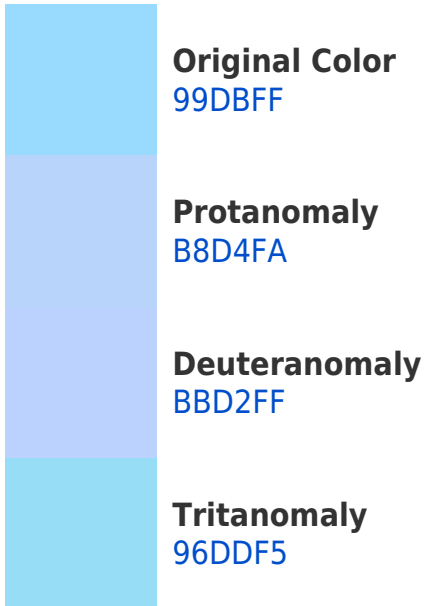
## Dichromacy



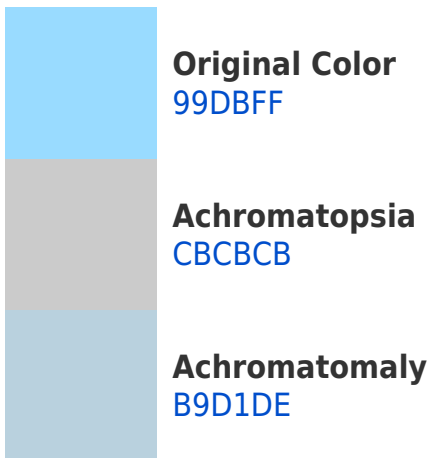


**Tritanopia**  
95DEEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99DBFF 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 #99DBFF looks like.

```
.text, #text, p{  
    color:#99DBFF  
}
```

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 #99DBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99DBFF
}
```

## Border

The CSS property to change the border of an element to Hex 99DBFF 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
#99DBFF }
```

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

```
.border{ border-color:#99DBFF }
```

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

Here you see how a box with a 4 pixel #99DBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99DBFF; -webkit-box-shadow:4px 4px  
4px 4px #99DBFF; box-shadow:4px 4px 4px  
4px #99DBFF }
```

# Background

The CSS property to change the background color of an element to Hex 99DBFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99DBFF }
```

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

```
.background{ background-color:#99DBFF }
```

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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