

# Converting Colors

Hex(99DDF9)

Have a look what the booklet for  
Hex(99DDF9) contains.

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# **Color**

**Hex(99DDF9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99DDF9
RGB	153, 221, 249
RGB Percent	60%, 87%, 98%
CMY	0.4000, 0.1333, 0.0235
CMYK	0.39, 0.11, 0.00, 0.02
HSL	198°, 89%, 79%
HSV	198°, 39%, 98%
XYZ	56.0922, 65.3248, 99.2751
YIQ	203.8600, -49.5160, -5.7080

# Conversions

## Conversions Part 2

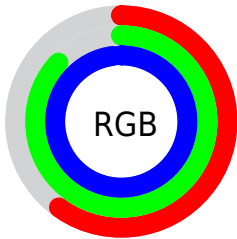
Format	Color
<a href="#">RYB</a>	<a href="#">153, 193, 249</a>
Decimal	<a href="#">10083833</a>
CIELab	<a href="#">84.65, -14.44, -20.40</a>
CIELCh	<a href="#">85, 24.995, 234.701</a>
Yxy	<a href="#">65.3248, 0.2542, 0.2960</a>
Android (android.graphics.Color)	<a href="#">4288273913</a> ( <a href="#">0xFF99DDF9</a> )
YUV	<a href="#">203.8600, 22.2540, -44.6042</a>
Hunter-Lab	<a href="#">80.8237, -17.5614, -16.2488</a>

# Details

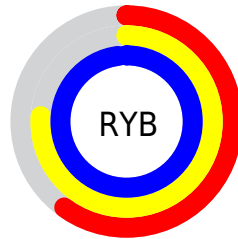
The Hex color **99DDF9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F9B599**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **D2FFFF**, and **61A6C1** is the 20% darker color. If you saturate the color by 10%, you get **80D6F9**, and if you desaturate by 10%, it is **B2E4F9**.

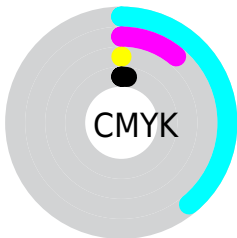
# Distribution



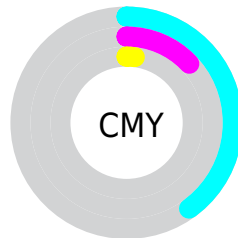
- Red (60%)
- Green (87%)
- Blue (98%)



- Red (60%)
- Yellow (76%)
- Blue (98%)



- Cyan (39%)
- Magenta (11%)
- Yellow (0%)
- Black (2%)



- Cyan (40%)
- Magenta (13%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99DDF9 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 99DDF9 by changing the saturation by 10% instead.



 99DDF9

 99DDF9

FFFFFF

 7DC1DC

 D2FFFF

 61A6C1

 F0FFFF

 458BA5

 26728B

 005971

 004259

 002C41

 00182B

 000116

■ 99DDF9

■ 99DDF9

■ 80D6F9

■ B2E4F9

■ 67CEF9

■ CBECF9

■ 4EC7F9

■ E4F3F9

■ 35C0F9

■ FDFAF9

■ 1DB9F9

■ FFFFF9

■ 04B1F9

■ 00B0F9

# Harmonies

## Analogous

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



92E0E6



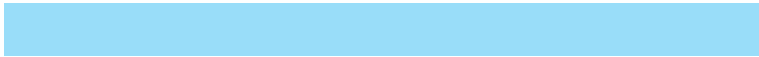
99DDF9



B2D7FF

# Triad

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



99DDF9



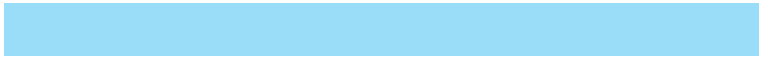
FFC3D8



D0D8A8

# Complementary

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



99DDF9



F9B599

# 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.



E9D0A5



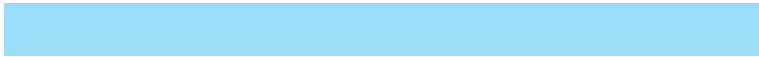
99DDF9



FFC3C1

# Square

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



99DDF9



EEC7EF



FCC9AE



B5DEB7

# Rectangle

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



99DDF9



C7D1FF



FCC9AE



D9D5A6

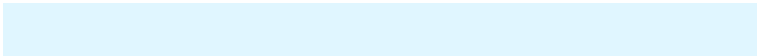


# Sweetspot

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



99DDF9



E0F6FF



99F9B4



6E7A80



000000



808080

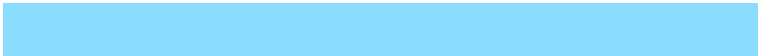


# Same Dimension

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



99DDF9



8ADDF9



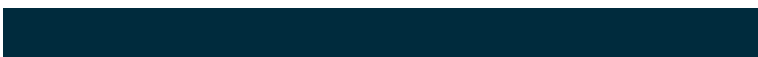
99AEF9



70797D



0086BD



002B3D



# Inverse Universe

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



F999DD



FF8ADD



F9E499



7D7079



BD0086

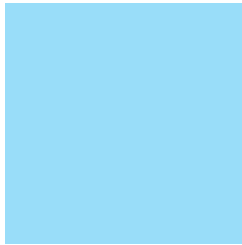


3D002B



# Previews

## White Background



This preview shows how the Hex color 99DDF9 looks on a white background.

## Color Contrast Check

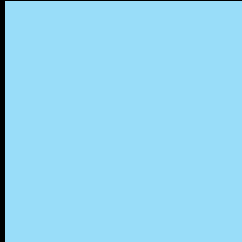
Large Text (above 18pt) WCAG AA × Fail

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 99DDF9 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 99DDF9 Background



This preview shows how black text looks on a background with the Hex color 99DDF9.

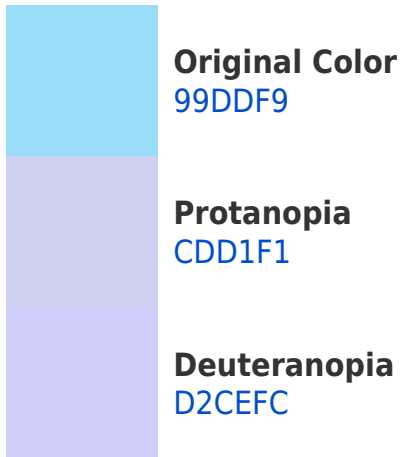


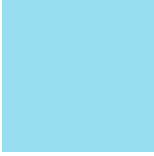
This preview shows how white text looks on a background with the Hex color 99DDF9.

# 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](#).

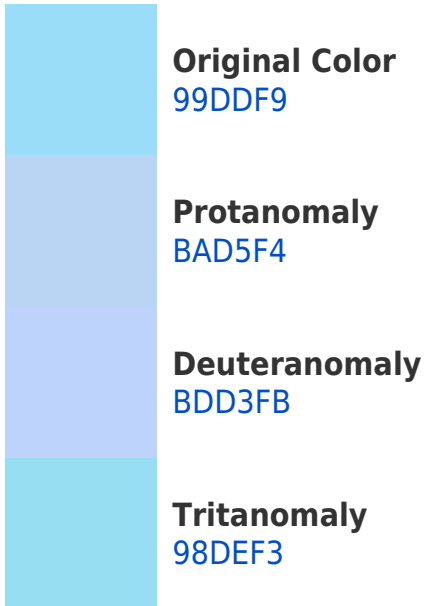
## Dichromacy



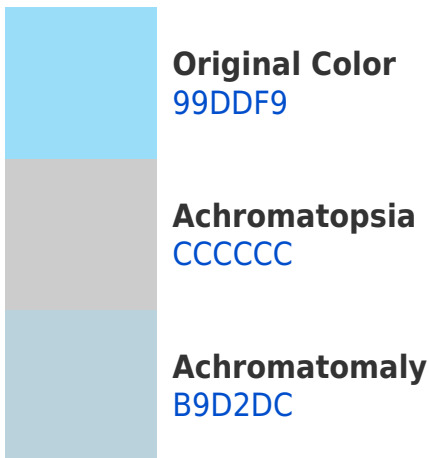


**Tritanopia**  
97DEF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99DDF9 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 #99DDF9 looks like.

```
.text, #text, p{  
    color:#99DDF9  
}
```

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 #99DDF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99DDF9
}
```

## Border

The CSS property to change the border of an element to Hex 99DDF9 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
#99DDF9 }
```

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

```
.border{ border-color:#99DDF9 }
```

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

Here you see how a box with a 4 pixel #99DDF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99DDF9; -webkit-box-shadow:4px 4px  
4px 4px #99DDF9; box-shadow:4px 4px 4px  
4px #99DDF9 }
```

# Background

The CSS property to change the background color of an element to Hex 99DDF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99DDF9 }
```

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

```
.background{ background-color:#99DDF9 }
```

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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