

Converting Colors

Hex(99E6FF)

Have a look what the booklet for
Hex(99E6FF) contains.

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Color

Hex(99E6FF)

Conversions

Conversions Part 1

Format	Color
Hex	99E6FF
RGB	153, 230, 255
RGB Percent	60%, 90%, 100%
CMY	0.4000, 0.0980, 0.0000
CMYK	0.40, 0.10, 0.00, 0.00
HSL	195°, 100%, 80%
HSV	195°, 40%, 100%
XYZ	59.4837, 70.5859, 105.0971
YIQ	209.8270, -53.9170, -8.5490

Conversions

Conversions Part 2

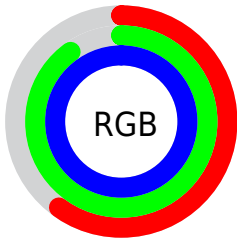
Format	Color
R _{YB}	153, 197, 255
Decimal	10086143
CIE _{Lab}	87.28, -17.50, -19.58
CIE _{LCh}	87, 26.263, 228.205
Yxy	70.5859, 0.2529, 0.3002
Android (android.graphics.Color)	4288276223 (0xFF99E6FF)
YUV	209.8270, 22.2703, -49.8373
Hunter-Lab	84.0154, -20.6474, -15.3566

Details

The Hex color **99E6FF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **FFB299**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **D3FFFF**, and **60AEC6** is the 20% darker color. If you saturate the color by 10%, you get **80E0FF**, and if you desaturate by 10%, it is **B3ECFF**.

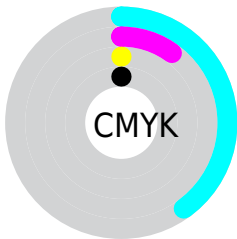
Distribution



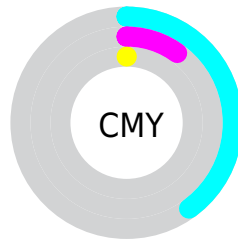
- Red (60%)
- Green (90%)
- Blue (100%)



- Red (60%)
- Yellow (77%)
- Blue (100%)



- Cyan (40%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99E6FF 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 99E6FF by changing the saturation by 10% instead.

 99E6FF

FFFFFF

 D3FFFF

 F0FFFF

 99E6FF

 7DCAE2

 60AEC6

 4394AB

 227A90

 006177

 00495E

 003246

 001E30

 00011B

 99E6FF

 99E6FF

 80E0FF

 B3ECFF

 66D9FF

 CCF3FF

 4DD3FF

 E6F9FF

 33CDFF

FFFFFF

 19C7FF

 00C0FF

Harmonies

Analogous

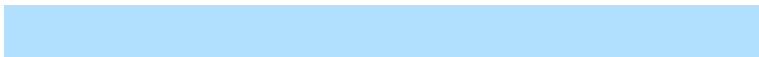
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96E9E9



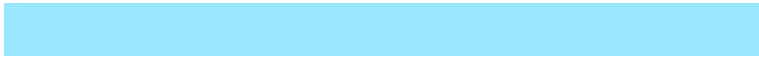
99E6FF



B1E0FF

Triad

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



99E6FF



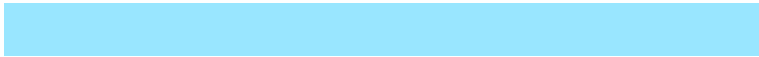
FFCAE6



DEDEAB

Complementary

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



99E6FF



FFB299

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.



F7D6AA



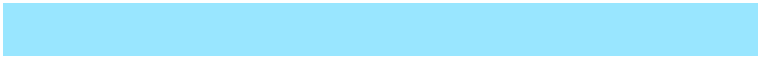
99E6FF



FFC9CC

Square

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



99E6FF



F1CFFC



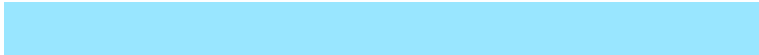
FFCEB7



C1E4B9

Rectangle

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



99E6FF



C6DBFF



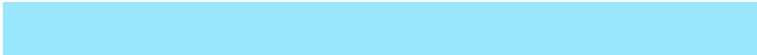
FFCEB7



E7DBA9

Sweetspot

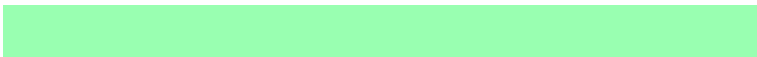
The Sweet Spot groups the original color and five complimentary colors.



99E6FF



E0F8FF



99FFB1



6E7B80



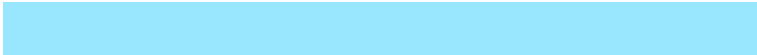
000000



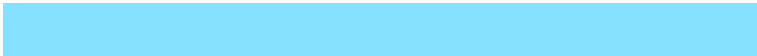
808080

Same Dimension

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



99E6FF



85E1FF



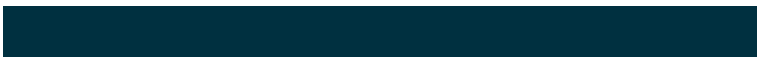
99B4FF



737C80



0090BF



003040

Inverse Universe

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



FF99E6



FF85E1



FFE499



80737C



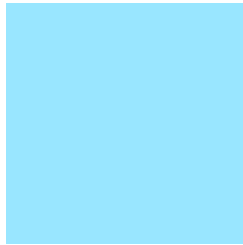
BF0090



400030

Previews

White Background



This preview shows how the Hex color 99E6FF looks on a white background.

Color Contrast Check

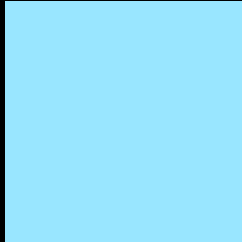
Large Text (above 18pt) WCAG AA × Fail

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 99E6FF 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 99E6FF Background



This preview shows how black text looks on a background with the Hex color 99E6FF.

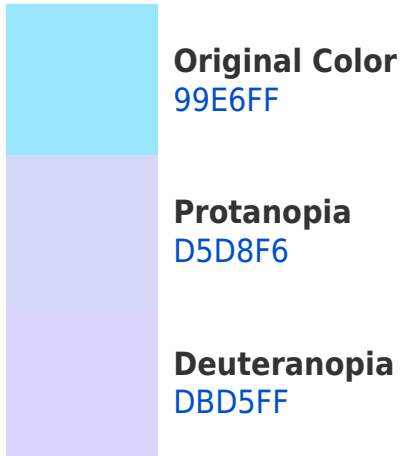


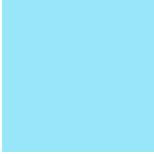
This preview shows how white text looks on a background with the Hex color 99E6FF.

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](#).

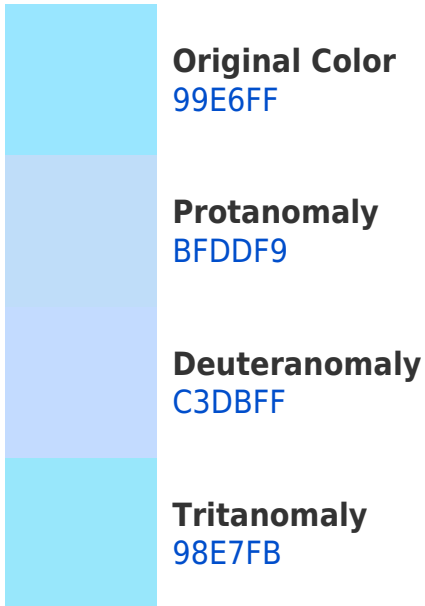
Dichromacy



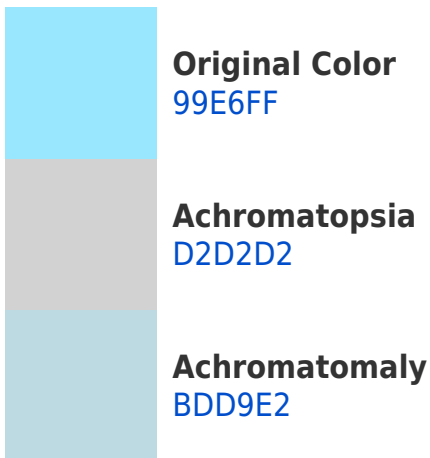


Tritanopia
98E7F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99E6FF 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 #99E6FF looks like.

```
.text, #text, p{  
    color:#99E6FF  
}
```

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 #99E6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99E6FF
}
```

Border

The CSS property to change the border of an element to Hex 99E6FF 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
#99E6FF }
```

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

```
.border{ border-color:#99E6FF }
```

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

Here you see how a box with a 4 pixel #99E6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99E6FF; -webkit-box-shadow:4px 4px  
4px 4px #99E6FF; box-shadow:4px 4px 4px  
4px #99E6FF }
```

Background

The CSS property to change the background color of an element to Hex 99E6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99E6FF }
```

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

```
.background{ background-color:#99E6FF }
```

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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