

Converting Colors

Hex(96ECFF)

Have a look what the booklet for
Hex(96ECFF) contains.

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Color

Hex(96ECFF)

Conversions

Conversions Part 1

Format	Color
Hex	96ECFF
RGB	150, 236, 255
RGB Percent	59%, 93%, 100%
CMY	0.4118, 0.0745, 0.0000
CMYK	0.41, 0.07, 0.00, 0.00
HSL	191°, 100%, 79%
HSV	191°, 41%, 100%
XYZ	60.6231, 73.6949, 105.6371
YIQ	212.4520, -57.3550, -12.3230

Conversions

Conversions Part 2

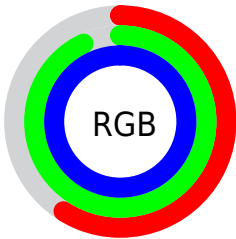
Format	Color
R _Y B	150, 197, 255
Decimal	9891071
CIE Lab	88.78, -21.23, -17.34
CIE LCh	89, 27.413, 219.239
Yxy	73.6949, 0.2526, 0.3071
Android (android.graphics.Color)	4288081151 (0xFF96ECFF)
YUV	212.4520, 20.9762, -54.7704
Hunter-Lab	85.8458, -24.1757, -12.8670

Details

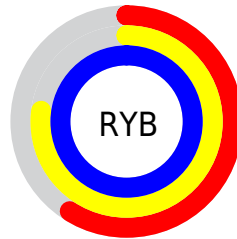
The Hex color **96ECFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FFA996**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **D0FFFF**, and **5CB4C6** is the 20% darker color. If you saturate the color by 10%, you get **7DE7FF**, and if you desaturate by 10%, it is **B0F1FF**.

Distribution



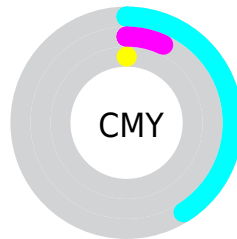
- Red (59%)
- Green (93%)
- Blue (100%)



- Red (59%)
- Yellow (77%)
- Blue (100%)



- Cyan (41%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96ECFF 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 96ECFF by changing the saturation by 10% instead.

 96ECFF

FFFFFF

 D0FFFF

 EEEFFF

 96ECFF

 79D0E2

 5CB4C6

 3E99AB

 197F90

 006677

 004E5E

 003646

 002130

 00011C

 96ECFF

 96ECFF

 7DE7FF

 B0F1FF

 63E3FF

 C9F5FF

 4ADEFF

 E3FAFF

 30DAFF

 FCFEFF

 17D5FF

FFFFFF

 00D1FF

Harmonies

Analogous

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



9AEEE6



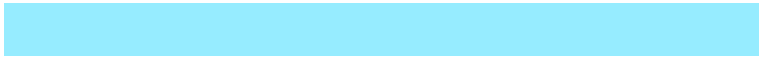
96ECFF



A9E7FF

Triad

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



96ECFF



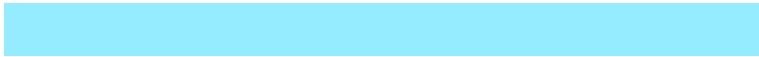
FFCEF2



EAE0AB

Complementary

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



96ECFF



FFA996

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.



FFD7AF



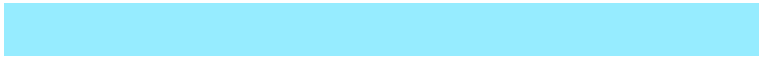
96ECFF



FFCCD8

Square

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



96ECFF



EDD6FF



FFD0BF



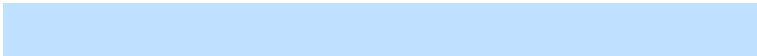
CDE7B6

Rectangle

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



96ECFF



BFE1FF



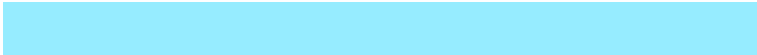
FFD0BF



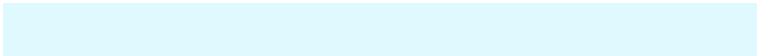
F3DDAB

Sweetspot

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



96ECFF



E0F9FF



96FFA7



6E7C80



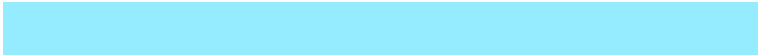
000000



808080

Same Dimension

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



96ECFF



82E8FF



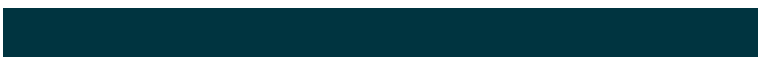
96B9FF



737D80



009DBF



003440

Inverse Universe

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



FF96EC



FF82E8



FFDC96



80737D



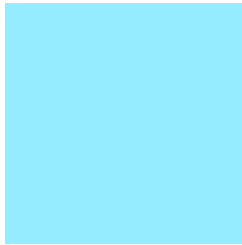
BF009D



400034

Previews

White Background



This preview shows how the Hex color 96ECFF looks on a white background.

Color Contrast Check

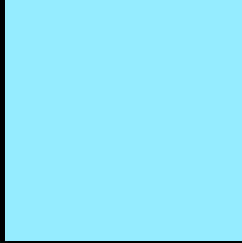
Large Text (above 18pt) WCAG AA × Fail

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 96ECFF 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 96ECFF Background



This preview shows how black text looks on a background with the Hex color 96ECFF.

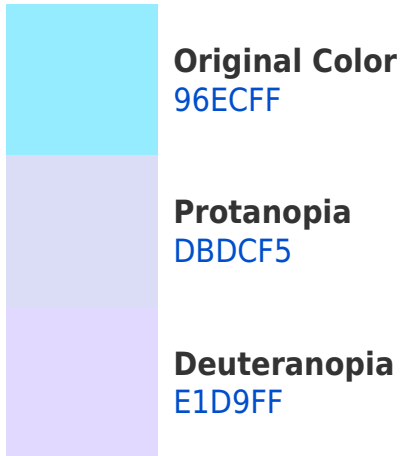


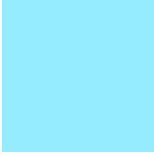
This preview shows how white text looks on a background with the Hex color 96ECFF.

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



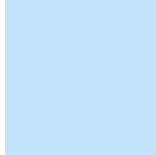


Tritanopia
96ECFF

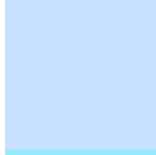
Trichromacy



Original Color
96ECFF



Protanomaly
C2E2F9



Deuteranomaly
C6E0FF

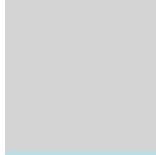


Tritanomaly
96ECFF

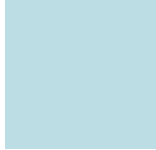
Monochromacy



Original Color
96ECFF



Achromatopsia
D4D4D4



Achromatomaly
BDDDE4

CSS Examples

Text

The CSS property to change the color of the text to Hex 96ECFF 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 #96ECFF looks like.

```
.text, #text, p{  
    color:#96ECFF  
}
```

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 #96ECFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96ECFF
}
```

Border

The CSS property to change the border of an element to Hex 96ECFF 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
#96ECFF }
```

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

```
.border{ border-color:#96ECFF }
```

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

Here you see how a box with a 4 pixel #96ECFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96ECFF; -webkit-box-shadow:4px 4px  
4px 4px #96ECFF; box-shadow:4px 4px 4px  
4px #96ECFF }
```

Background

The CSS property to change the background color of an element to Hex 96ECFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96ECFF }
```

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

```
.background{ background-color:#96ECFF }
```

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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