

Converting Colors

Hex(94E4FF)

Have a look what the booklet for
Hex(94E4FF) contains.

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Color

Hex(94E4FF)

Conversions

Conversions Part 1

Format	Color
Hex	94E4FF
RGB	148, 228, 255
RGB Percent	58%, 89%, 100%
CMY	0.4196, 0.1059, 0.0000
CMYK	0.42, 0.11, 0.00, 0.00
HSL	195°, 100%, 79%
HSV	195°, 42%, 100%
XYZ	58.0061, 69.0027, 104.8693
YIQ	207.1580, -56.3470, -8.5630

Conversions

Conversions Part 2

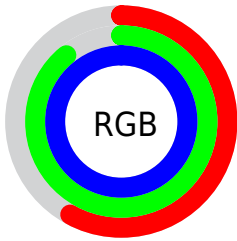
Format	Color
RYB	148, 194, 255
Decimal	9757951
CIELab	86.51, -17.72, -20.78
CIELCh	87, 27.308, 229.542
Yxy	69.0027, 0.2502, 0.2976
Android (android.graphics.Color)	4287948031 (0xFF94E4FF)
YUV	207.1580, 23.5861, -51.8816
Hunter-Lab	83.0679, -20.7225, -16.7034

Details

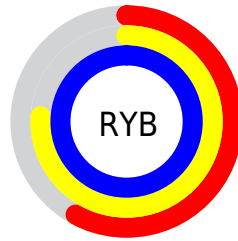
The Hex color **94E4FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFAF94**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **CEFFFF**, and **5BACC6** is the 20% darker color. If you saturate the color by 10%, you get **7BDEFF**, and if you desaturate by 10%, it is **AEEAFF**.

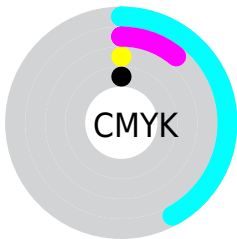
Distribution



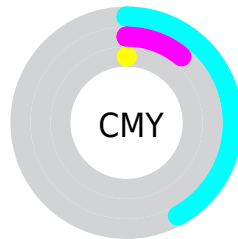
- Red (58%)
- Green (89%)
- Blue (100%)



- Red (58%)
- Yellow (76%)
- Blue (100%)



- Cyan (42%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94E4FF 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 94E4FF by changing the saturation by 10% instead.

 94E4FF

 94E4FF

FFFFFF

 77C8E2

 CEFFFF

 5BACC6

 ECFFFF

 3C92AB

 167890

 005F77

 00475E

 003146

 001D30

 00011B

 94E4FF

 94E4FF

 7BDEFF

 AEEAFF

 61D7FF

 C7F1FF

 48D1FF

 E1F7FF

 2ECAFF

 FAFEFF

 15C4FF

FFFFFF

 00BFFF

Harmonies

Analogous

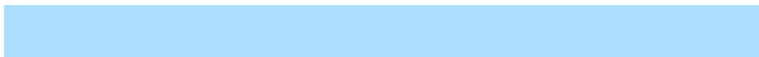
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90E7E9



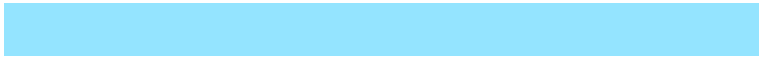
94E4FF



AEDEFF

Triad

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



94E4FF



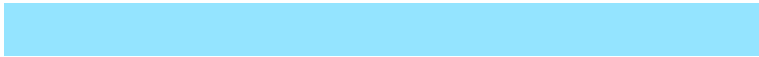
FFC7E3



DADCA7

Complementary

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



94E4FF



FFAF94

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.



F4D4A6



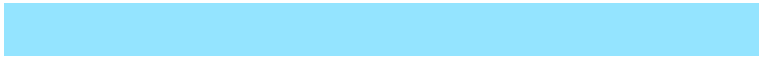
94E4FF



FFC6C8

Square

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



94E4FF



F1CCFA



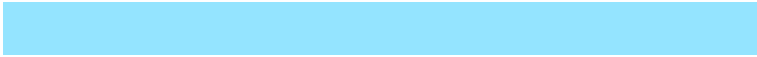
FFCCB2



BCE3B6

Rectangle

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



94E4FF



C5D8FF



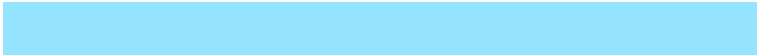
FFCCB2



E3D9A5

Sweetspot

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



94E4FF



DEF7FF



94FFAF



6B7A80



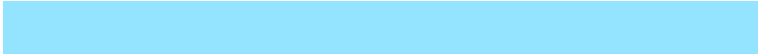
000000



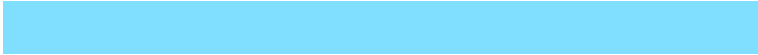
808080

Same Dimension

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



94E4FF



80DFFF



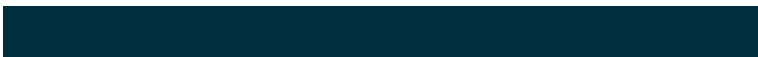
94AFFF



737C80



008FBF



003040

Inverse Universe

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



FF94E4



FF80DF



FFE494



80737C



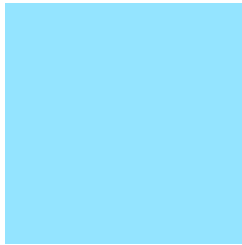
BF008F



400030

Previews

White Background



This preview shows how the Hex color 94E4FF looks on a white background.

Color Contrast Check

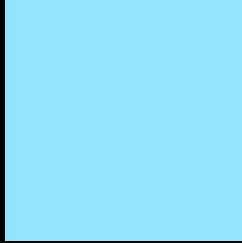
Large Text (above 18pt) WCAG AA × Fail

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 94E4FF 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 94E4FF Background



This preview shows how black text looks on a background with the Hex color 94E4FF.

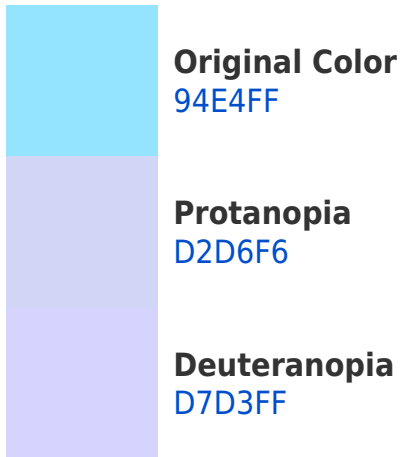


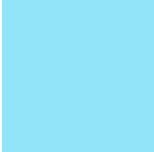
This preview shows how white text looks on a background with the Hex color 94E4FF.

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](#).

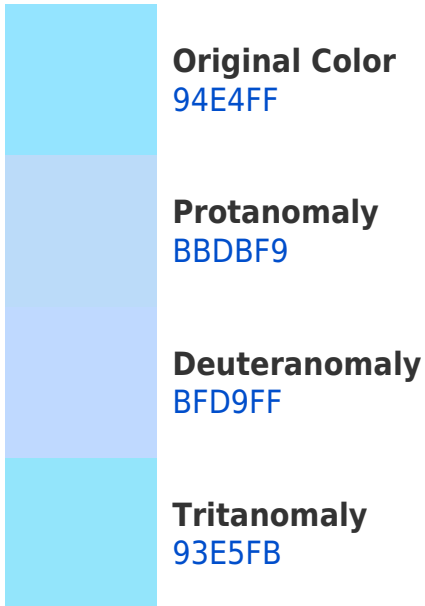
Dichromacy



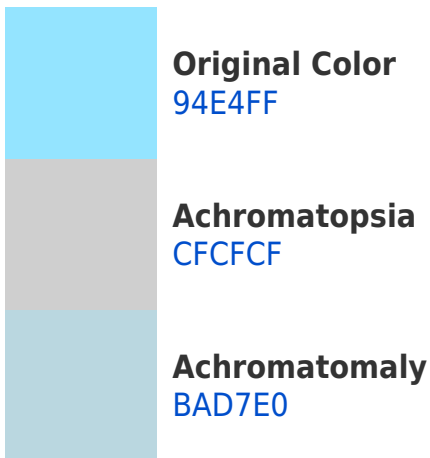


Tritanopia
92E5F8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94E4FF 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 #94E4FF looks like.

```
.text, #text, p{  
    color:#94E4FF  
}
```

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 #94E4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94E4FF
}
```

Border

The CSS property to change the border of an element to Hex 94E4FF 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
#94E4FF }
```

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

```
.border{ border-color:#94E4FF }
```

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

Here you see how a box with a 4 pixel #94E4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94E4FF; -webkit-box-shadow:4px 4px  
4px 4px #94E4FF; box-shadow:4px 4px 4px  
4px #94E4FF }
```

Background

The CSS property to change the background color of an element to Hex 94E4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94E4FF }
```

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

```
.background{ background-color:#94E4FF }
```

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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