

# Converting Colors

Hex(8AE1FF)

Have a look what the booklet for  
Hex(8AE1FF) contains.

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# **Color**

**Hex(8AE1FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AE1FF
RGB	138, 225, 255
RGB Percent	54%, 88%, 100%
CMY	0.4588, 0.1176, 0.0000
CMYK	0.46, 0.12, 0.00, 0.00
HSL	195°, 100%, 77%
HSV	195°, 46%, 100%
XYZ	55.4564, 66.4737, 104.5156
YIQ	202.4070, -61.4820, -9.1140

# Conversions

## Conversions Part 2

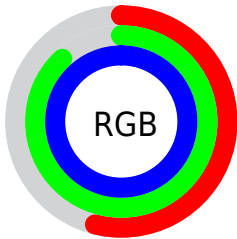
Format	Color
R <sub>Y</sub> B	138, 188, 255
Decimal	9101823
CIE Lab	85.24, -18.56, -22.74
CIE LCh	85, 29.356, 230.778
Yxy	66.4737, 0.2449, 0.2936
Android (android.graphics.Color)	4287291903 (0xFF8AE1FF)
YUV	202.4070, 25.9283, -56.4849
Hunter-Lab	81.5314, -21.2669, -18.9322

# Details

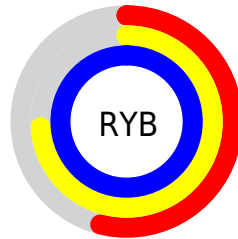
The Hex color **8AE1FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFA88A**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **C4FFFF**, and **4FAAC6** is the 20% darker color. If you saturate the color by 10%, you get **71DAFF**, and if you desaturate by 10%, it is **A3E8FF**.

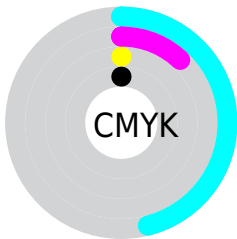
# Distribution



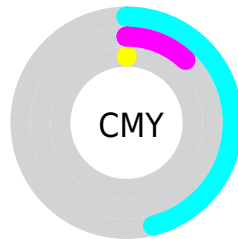
- Red (54%)
- Green (88%)
- Blue (100%)



- Red (54%)
- Yellow (74%)
- Blue (100%)



- Cyan (46%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (12%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AE1FF 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 8AE1FF by changing the saturation by 10% instead.



 8AE1FF

FFFFFF

 C4FFFF

 E2FFFF

 8AE1FF

 6DC5E2

 4FAAC6

 2D8FAB

 007590

 005D77

 00455E

 002E46

 001B2F

 00011B

 8AE1FF

 8AE1FF

 71DAFF

 A3E8FF

 57D4FF

 BDEEFF

 3ECDFF

 D7F5FF

 24C7FF

 F0FBFF

 0BC0FF

FFFFFF

 00BEFF

# Harmonies

## Analogous

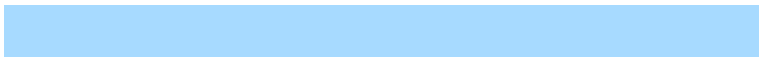
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85E4E8



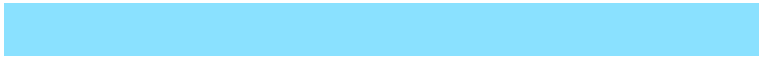
8AE1FF



A7DAFF

# Triad

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



8AE1FF



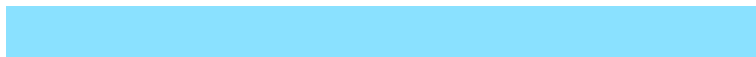
FFC2DF



D5D9A1

# Complementary

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



8AE1FF



FFA88A

# 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.



F1D09F



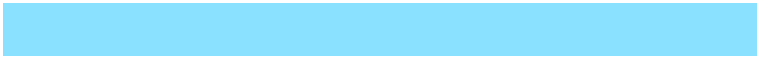
8AE1FF



FFC2C3

# Square

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



8AE1FF



F0C8F8



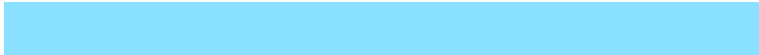
FFC7AB



B5E0B1

# Rectangle

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



8AE1FF



C1D4FF



FFC7AB

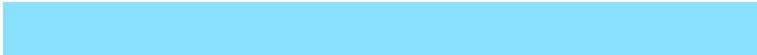


DFD69E

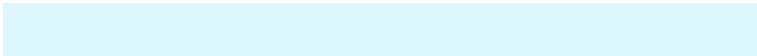


# Sweetspot

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



8AE1FF



DBF6FF



8AFFA7



6A7A80



000000

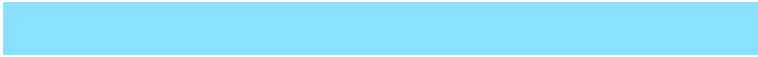


808080

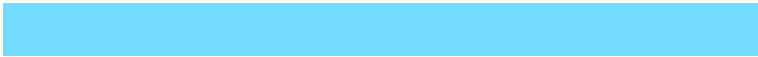


# Same Dimension

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



8AE1FF



73DBFF



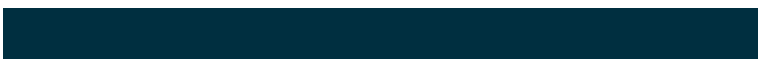
8AA7FF



737C80



008EBF



002F40



# Inverse Universe

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



FF8AE1



FF73DB



FFE28A



80737C



BF008E

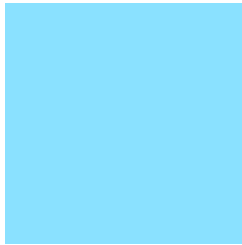


40002F



# Previews

## White Background



This preview shows how the Hex color 8AE1FF looks on a white background.

## Color Contrast Check

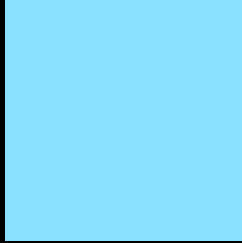
Large Text (above 18pt) WCAG AA × Fail

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 8AE1FF 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 8AE1FF Background



This preview shows how black text looks on a background with the Hex color 8AE1FF.

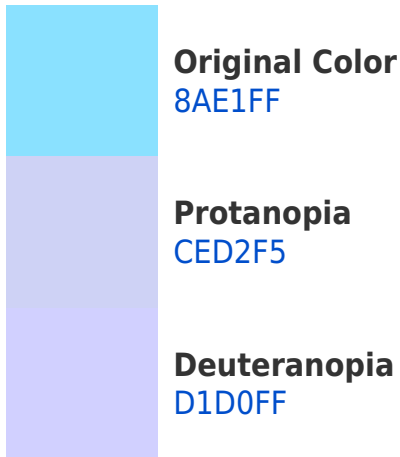


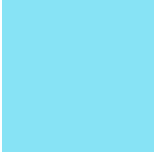
This preview shows how white text looks on a background with the Hex color 8AE1FF.

# 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](#).

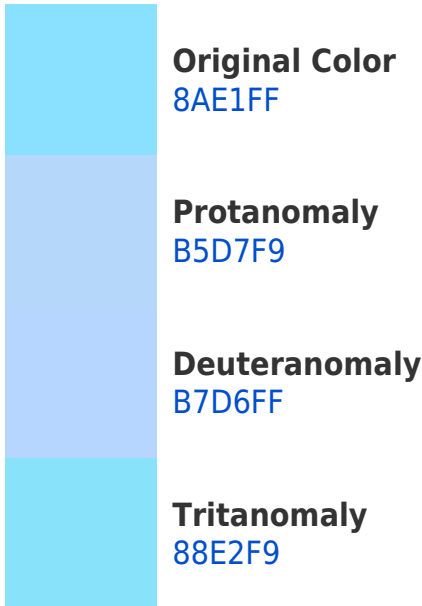
## Dichromacy



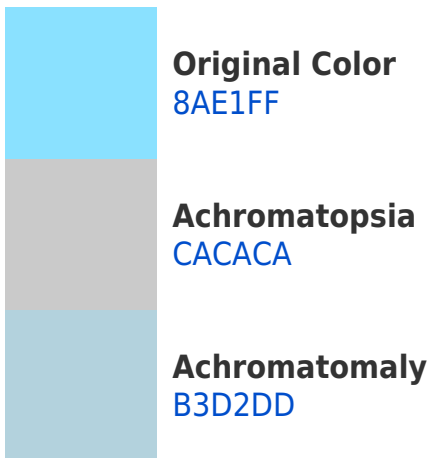


**Tritanopia**  
87E3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AE1FF 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 #8AE1FF looks like.

```
.text, #text, p{  
    color:#8AE1FF  
}
```

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 #8AE1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AE1FF
}
```

## Border

The CSS property to change the border of an element to Hex 8AE1FF 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
#8AE1FF }
```

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

```
.border{ border-color:#8AE1FF }
```

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

Here you see how a box with a 4 pixel #8AE1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AE1FF; -webkit-box-shadow:4px 4px  
4px 4px #8AE1FF; box-shadow:4px 4px 4px  
4px #8AE1FF }
```

# Background

The CSS property to change the background color of an element to Hex 8AE1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AE1FF }
```

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

```
.background{ background-color:#8AE1FF }
```

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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