

# Converting Colors

Hex(A2E9FF)

Have a look what the booklet for  
Hex(A2E9FF) contains.

<b>Hex(A2E9FF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(A2E9FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2E9FF
RGB	162, 233, 255
RGB Percent	64%, 91%, 100%
CMY	0.3647, 0.0863, 0.0000
CMYK	0.36, 0.09, 0.00, 0.00
HSL	194°, 100%, 82%
HSV	194°, 36%, 100%
XYZ	62.0892, 73.1792, 105.4603
YIQ	214.2790, -49.3780, -8.2100

# Conversions

## Conversions Part 2

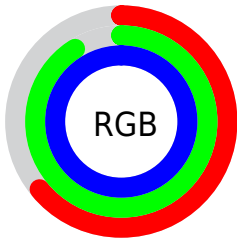
Format	Color
<a href="#">RYB</a>	<a href="#">162, 202, 255</a>
Decimal	<a href="#">10676735</a>
CIELab	<a href="#">88.53, -16.73, -17.65</a>
CIELCh	<a href="#">89, 24.324, 226.530</a>
Yxy	<a href="#">73.1792, 0.2579, 0.3040</a>
Android (android.graphics.Color)	<a href="#">4288866815</a> ( <a href="#">0xFFA2E9FF</a> )
YUV	<a href="#">214.2790, 20.0755, -45.8487</a>
Hunter-Lab	<a href="#">85.5448, -20.1466, -13.2117</a>

# Details

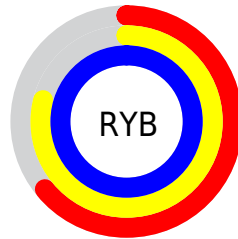
The Hex color **A2E9FF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFB8A2**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **DCFFFF**, and **6AB1C6** is the 20% darker color. If you saturate the color by 10%, you get **88E3FF**, and if you desaturate by 10%, it is **BBEFFF**.

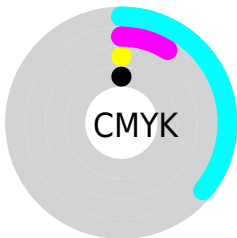
# Distribution



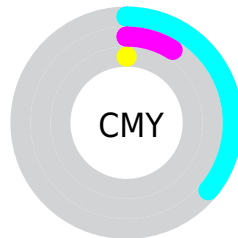
- Red (64%)
- Green (91%)
- Blue (100%)



- Red (64%)
- Yellow (79%)
- Blue (100%)



- Cyan (36%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (9%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2E9FF 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 A2E9FF by changing the saturation by 10% instead.



 A2E9FF

 A2E9FF

FFFFFF


 86CDE2

 DCFE99

 6AB1C6

 F9FFFF

 4E96AB

 317D90

 076377

 004B5E

 003546

 002030

 00011B

 A2E9FF

 A2E9FF

 88E3FF

 BBEFFF

 6FD DFF

 D5F5FF

 56D7FF

 EFFBFF

 3CD1FF

FFFFFF

 22CBFF

 09C5FF

 00C3FF

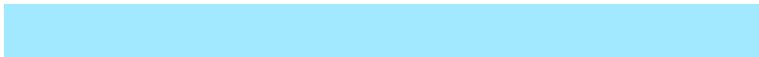
# Harmonies

## Analogous

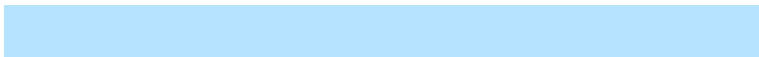
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A0ECEA



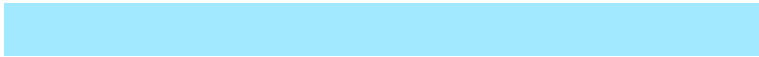
A2E9FF



B6E3FF

# Triad

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



A2E9FF



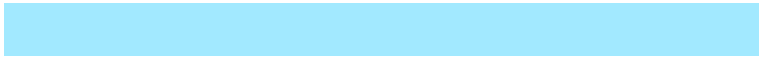
FFCFEA



E3E1B2

# Complementary

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



A2E9FF



FFB8A2

# 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.



FAD9B2



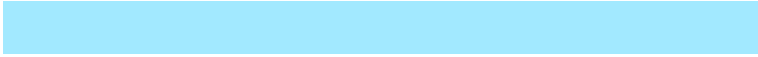
A2E9FF



FFCED2

# Square

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



A2E9FF



F2D4FE



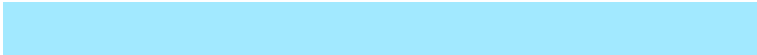
FFD2BE



C8E7BE

# Rectangle

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



A2E9FF



CADFFF



FFD2BE

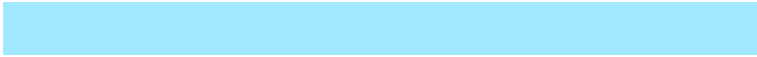


EBDEB0

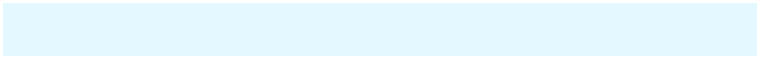


# Sweetspot

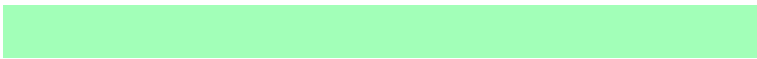
The Sweet Spot groups the original color and five complimentary colors.



A2E9FF



E3F8FF



A2FFB8



6F7C80



000000

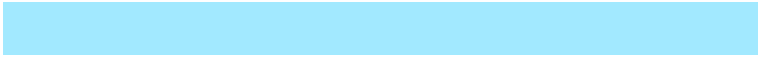


808080

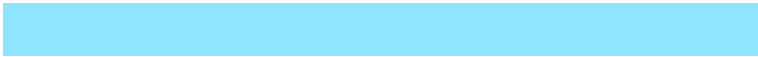


# Same Dimension

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



A2E9FF



8FE4FF



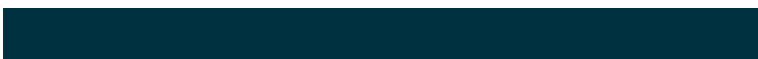
A2BBFF



737C80



0092BF



003140



# Inverse Universe

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



FFA2E9



FF8FE4



FFE6A2



80737C



BF0092

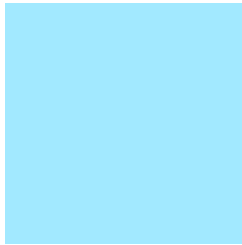


400031



# Previews

## White Background



This preview shows how the Hex color A2E9FF looks on a white background.

## Color Contrast Check

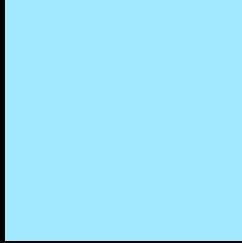
Large Text (above 18pt) WCAG AA × Fail

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 A2E9FF 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 A2E9FF Background



This preview shows how black text looks on a background with the Hex color A2E9FF.

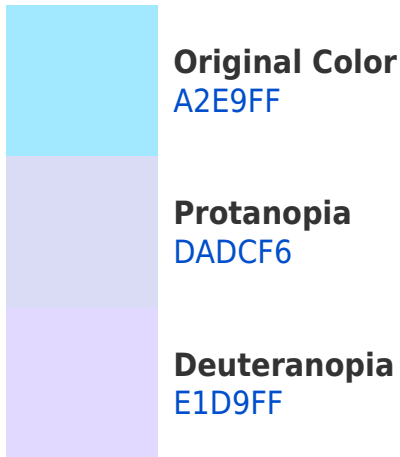


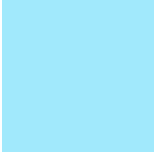
This preview shows how white text looks on a background with the Hex color A2E9FF.

# 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](#).

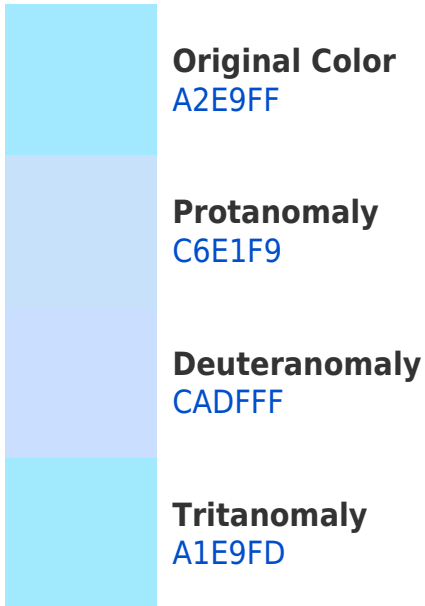
## Dichromacy



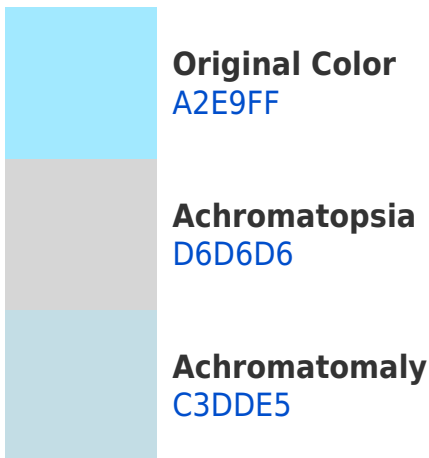


**Tritanopia**  
A1E9FC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2E9FF 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 #A2E9FF looks like.

```
.text, #text, p{  
    color:#A2E9FF  
}
```

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 #A2E9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2E9FF  
}
```

## Border

The CSS property to change the border of an element to Hex A2E9FF 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  
#A2E9FF }
```

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

```
.border{ border-color:#A2E9FF }
```

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

Here you see how a box with a 4 pixel #A2E9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2E9FF; -webkit-box-shadow:4px 4px  
4px 4px #A2E9FF; box-shadow:4px 4px 4px  
4px #A2E9FF }
```

# Background

The CSS property to change the background color of an element to Hex A2E9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2E9FF }
```

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

```
.background{ background-color:#A2E9FF }
```

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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