

# Converting Colors

Hex(A4EEFF)

Have a look what the booklet for  
Hex(A4EEFF) contains.

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# **Color**

**Hex(A4EEFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4EEFF
RGB	164, 238, 255
RGB Percent	64%, 93%, 100%
CMY	0.3569, 0.0667, 0.0000
CMYK	0.36, 0.07, 0.00, 0.00
HSL	191°, 100%, 82%
HSV	191°, 36%, 100%
XYZ	63.9344, 76.2616, 105.9580
YIQ	217.8120, -49.5610, -10.4010

# Conversions

## Conversions Part 2

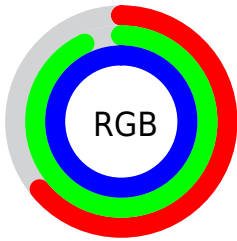
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 205, 255
Decimal	10809087
CIELab	89.98, -18.72, -15.47
CIELCh	90, 24.282, 219.569
Yxy	76.2616, 0.2597, 0.3098
Android (android.graphics.Color)	4288999167 (0xFFA4EEFF)
YUV	217.8120, 18.3337, -47.1931
Hunter-Lab	87.3279, -22.1406, -10.8091

# Details

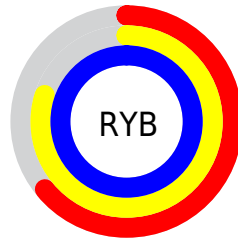
The Hex color **A4EEFF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFB5A4**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **DEFFFF**, and **6CB6C6** is the 20% darker color. If you saturate the color by 10%, you get **8BE9FF**, and if you desaturate by 10%, it is **BEF3FF**.

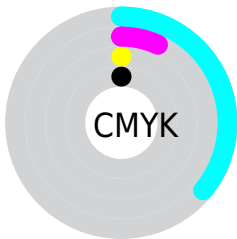
# Distribution



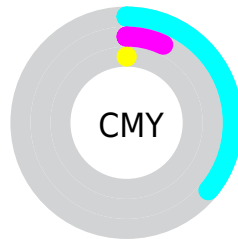
- Red (64%)
- Green (93%)
- Blue (100%)



- Red (64%)
- Yellow (80%)
- Blue (100%)



- Cyan (36%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (7%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4EEFF 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 A4EEFF by changing the saturation by 10% instead.



 A4EEFF

 A4EEFF

FFFFFF

 88D2E2

 DEFFFF

 6CB6C6

 FBFFFF

 509BAB

 338190

 0C6877

 004F5E

 003846

 002330

 00011C

 A4EEFF

 A4EEFF

 8BE9FF

 BEF3FF

 71E4FF

 D7F8FF

 58E0FF

 F1FCFF

 3EDBFF

 FFFFFFFF

 24D6FF

 0BD1FF

 00CFFF

# Harmonies

## Analogous

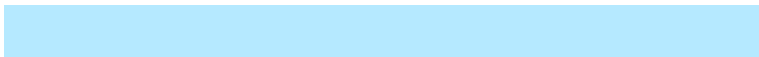
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A7F0E9



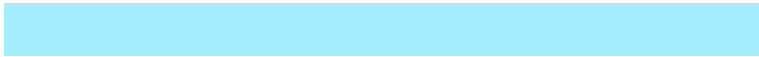
A4EEFF



B5E9FF

# Triad

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



A4EEFF



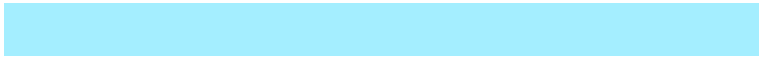
FFD4F3



EDE3B5

# Complementary

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



A4EEFF



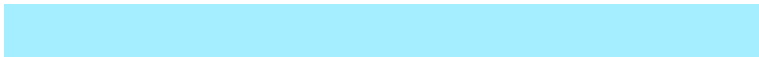
FFB5A4

# 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.



FFDBB7



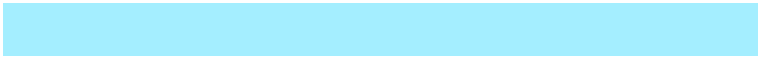
A4EEFF



FFD2DC

# Square

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



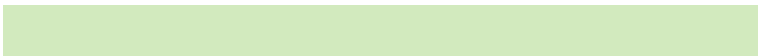
A4EEFF



F0DAFF



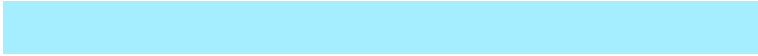
FFD5C6



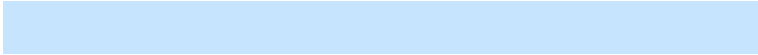
D2EABE

# Rectangle

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



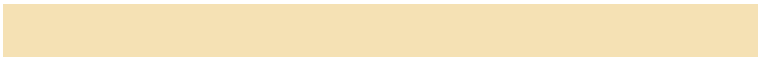
A4EEFF



C7E4FF



FFD5C6

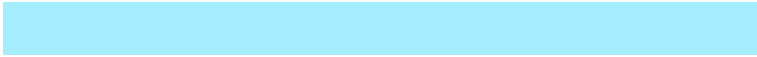


F5E1B4

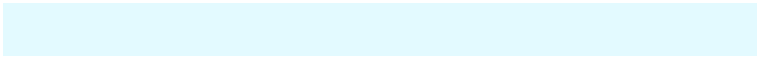


# Sweetspot

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



A4EEFF



E3FAFF



A4FFB5



6F7C80



000000

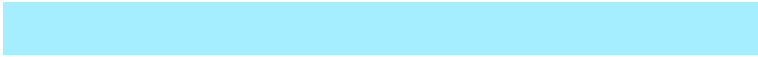


808080

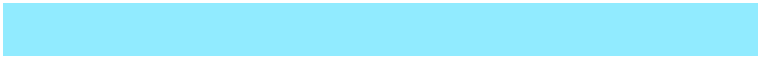


# Same Dimension

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



A4EEFF



91EBFF



A4C1FF



737D80



009CBF



003440



# Inverse Universe

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



FFA4EE



FF91EB



FFE2A4



80737D



BF009C

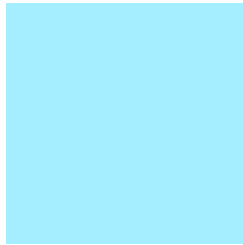


400034



# Previews

## White Background



This preview shows how the Hex color A4EEFF looks on a white background.

## Color Contrast Check

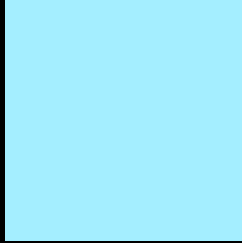
Large Text (above 18pt) WCAG AA × Fail

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 A4EEFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

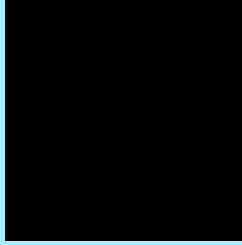
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A4EEFF Background



This preview shows how black text looks on a background with the Hex color A4EEFF.

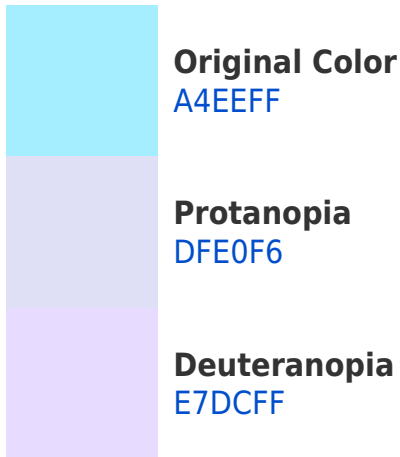


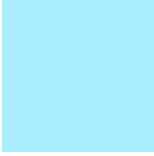
This preview shows how white text looks on a background with the Hex color A4EEFF.

# 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





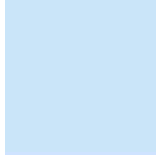
**Tritanopia**  
A9EDFF

# Trichromacy



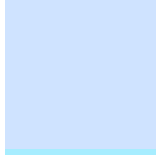
**Original Color**

A4EEFF



**Protanomaly**

CAE5F9



**Deuteranomaly**

CFE3FF



**Tritanomaly**

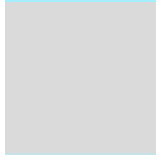
A7EDFF

# Monochromacy



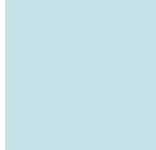
**Original Color**

A4EEFF



**Achromatopsia**

DADADA



**Achromatomaly**

C6E1E7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4EEFF 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 #A4EEFF looks like.

```
.text, #text, p{  
    color:#A4EEFF  
}
```

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 #A4EEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4EEFF
}
```

## Border

The CSS property to change the border of an element to Hex A4EEFF 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
#A4EEFF }
```

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

```
.border{ border-color:#A4EEFF }
```

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

Here you see how a box with a 4 pixel #A4EEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4EEFF; -webkit-box-shadow:4px 4px  
4px 4px #A4EEFF; box-shadow:4px 4px 4px  
4px #A4EEFF }
```

# Background

The CSS property to change the background color of an element to Hex A4EEFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4EEFF }
```

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

```
.background{ background-color:#A4EEFF }
```

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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