

Converting Colors

Hex(5AE2FF)

Have a look what the booklet for
Hex(5AE2FF) contains.

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Color

Hex(5AE2FF)

Conversions

Conversions Part 1

Format	Color
Hex	5AE2FF
RGB	90, 226, 255
RGB Percent	35%, 89%, 100%
CMY	0.6471, 0.1137, 0.0000
CMYK	0.65, 0.11, 0.00, 0.00
HSL	191°, 100%, 68%
HSV	191°, 65%, 100%
XYZ	49.4628, 63.7864, 104.3128
YIQ	188.6420, -90.3650, -19.8130

Conversions

Conversions Part 2

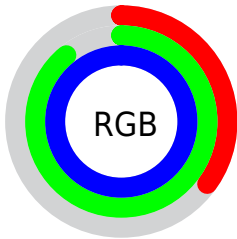
Format	Color
R _Y B	90, 165, 255
Decimal	5956351
CIE Lab	83.85, -28.23, -25.00
CIE LCh	84, 37.708, 221.526
Yxy	63.7864, 0.2274, 0.2932
Android (android.graphics.Color)	4284146431 (0xFF5AE2FF)
YUV	188.6420, 32.7145, -86.5090
Hunter-Lab	79.8664, -29.2176, -21.5317

Details

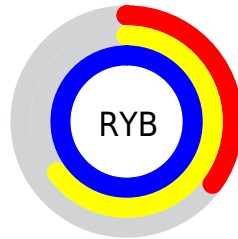
The Hex color **5AE2FF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **FF775A**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **9CFFFF**, and **00AAC6** is the 20% darker color. If you saturate the color by 10%, you get **41DEFF**, and if you desaturate by 10%, it is **74E6FF**.

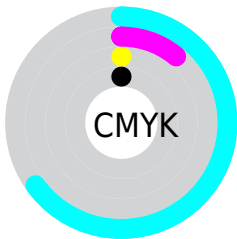
Distribution



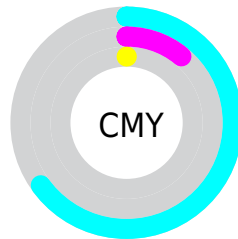
- Red (35%)
- Green (89%)
- Blue (100%)



- Red (35%)
- Yellow (65%)
- Blue (100%)



- Cyan (65%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AE2FF 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 5AE2FF by changing the saturation by 10% instead.

 5AE2FF

 5AE2FF

FFFFFF

 31C6E2

 9CFFFF

 00AAC6

 BBFFFF

 0090AB

 DAFFFF

 007690

 F9FFFF

 005D77

 00455E

 002E46

 001830

 00011B

 5AE2FF

 5AE2FF

 41DEFF

 74E6FF

 27D9FF

 8DEBFF

 0ED5FF

 A7EFFF

 00D2FF

 C0F4FF

 DAF8FF

 F3FDFF

FFFFFF

Harmonies

Analogous

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



64E5DE



5AE2FF



80DBFF

Triad

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



5AE2FF



FFB9E8



DCD38B

Complementary

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



5AE2FF



FF775A

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.



FDC78E



5AE2FF



FFB6C4

Square

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



5AE2FF



E7C3FF



FFBCA4



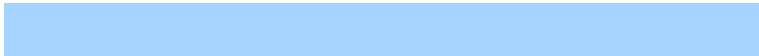
B4DD9B

Rectangle

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



5AE2FF



A4D4FF



FFBCA4



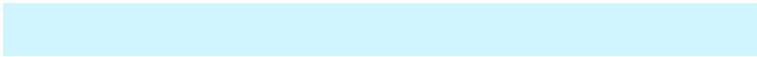
E8CF8A

Sweetspot

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



5AE2FF



CFF6FF



5AFF75



627A80



000000



808080

Same Dimension

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



5AE2FF



38DCFF



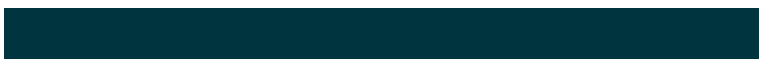
5A91FF



737D80



009EBF



003540

Inverse Universe

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



FF5AE2



FF38DC



FFC85A



80737D



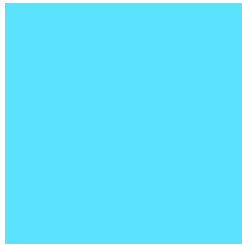
BF009E



400035

Previews

White Background



This preview shows how the Hex color 5AE2FF looks on a white background.

Color Contrast Check

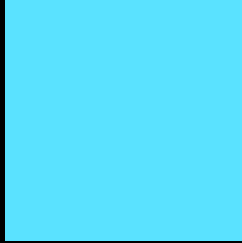
Large Text (above 18pt) WCAG AA × Fail

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 5AE2FF 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 5AE2FF Background



This preview shows how black text looks on a background with the Hex color 5AE2FF.

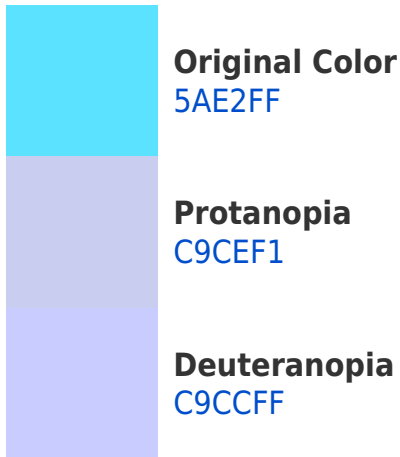


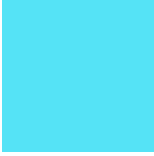
This preview shows how white text looks on a background with the Hex color 5AE2FF.

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
55E3F6

Trichromacy



Original Color
5AE2FF



Protanomaly
A1D5F6



Deuteranomaly
A1D4FF

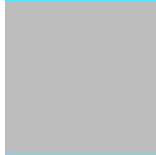


Tritanomaly
57E3F9

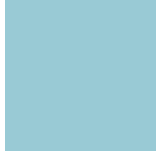
Monochromacy



Original Color
5AE2FF



Achromatopsia
BDBDBD



Achromatomaly
99CAD5

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AE2FF 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 #5AE2FF looks like.

```
.text, #text, p{  
    color:#5AE2FF  
}
```

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 #5AE2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AE2FF
}
```

Border

The CSS property to change the border of an element to Hex 5AE2FF 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
#5AE2FF }
```

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

```
.border{ border-color:#5AE2FF }
```

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

Here you see how a box with a 4 pixel #5AE2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AE2FF; -webkit-box-shadow:4px 4px  
4px 4px #5AE2FF; box-shadow:4px 4px 4px  
4px #5AE2FF }
```

Background

The CSS property to change the background color of an element to Hex 5AE2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AE2FF }
```

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

```
.background{ background-color:#5AE2FF }
```

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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