

Converting Colors

Hex(ACC0FE)

Have a look what the booklet for
Hex(ACC0FE) contains.

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Color

Hex(ACC0FE)

Conversions

Conversions Part 1

Format	Color
Hex	ACC0FE
RGB	172, 192, 254
RGB Percent	67%, 75%, 100%
CMY	0.3255, 0.2471, 0.0039
CMYK	0.32, 0.24, 0.00, 0.00
HSL	225°, 98%, 84%
HSV	225°, 32%, 100%
XYZ	53.7523, 53.6257, 101.2837
YIQ	193.0880, -31.8220, 15.0420

Conversions

Conversions Part 2

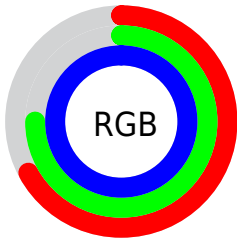
Format	Color
R_{YB}	172, 188, 254
Decimal	11321598
CIE _{Lab}	78.24, 7.26, -32.75
CIE _{LCh}	78, 33.542, 282.504
Yxy	53.6257, 0.2576, 0.2570
Android (android.graphics.Color)	4289511678 (0xFFACC0FE)
YUV	193.0880, 30.0296, -18.4942
Hunter-Lab	73.2296, 2.8716, -30.7432

Details

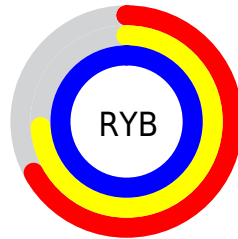
The Hex color `ACC0FE` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `FEEAAC`, and the grayscale version is `C1C1C1`.

A 20% lighter version of the original color is `E5F8FF`, and `758BC5` is the 20% darker color. If you saturate the color by 10%, you get `93ADFE`, and if you desaturate by 10%, it is `C5D3FE`.

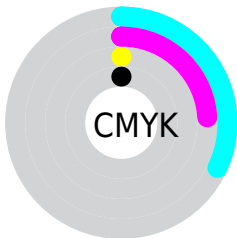
Distribution



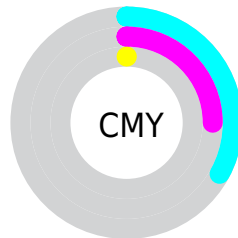
- Red (67%)
- Green (75%)
- Blue (100%)



- Red (67%)
- Yellow (74%)
- Blue (100%)



- Cyan (32%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACC0FE 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 ACC0FE by changing the saturation by 10% instead.

■ ACC0FE

■ ACC0FE

FFFFFF

■ 90A5E1

■ E5F8FF

■ 758BC5

■ 5B71AA

■ 40598F

■ 244275

■ 002C5C

■ 001844

■ 00042E

■ 000118

■ ACC0FE

■ ACC0FE

■ 93ADFE

■ C5D3FE

■ 799AFE

■ DFE6FE

■ 6086FE

■ F8FAFE

■ 4673FE

FFFFFE

■ 2D60FE

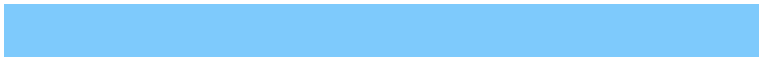
■ 144DFE

■ 003EFE

Harmonies

Analogous

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



7ECAFC



ACC0FE



D6B5F0

Triad

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



ACC0FE



FBB099



83D1AE

Complementary

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



ACC0FE



FEEAAC

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.



A7CC93



ACC0FE



E7B987

Square

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



ACC0FE



FFAAB5



CAC484



64D3CE

Rectangle

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



ACC0FE



ECAFDF



CAC484



8FD0A4

Sweetspot

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



ACC0FE



E6ECFF



ACFEEA



707480



000000



808080

Same Dimension

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



ACC0FE



9CB4FF



C1ACFE



737680



002FBF



001040

Inverse Universe

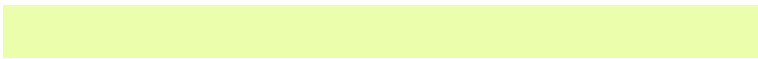
The Inverse Universe completely reimagines the original color for something new.



FEACCO



FF9CB4



EAFEAC



807376



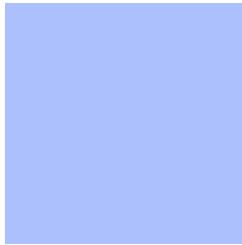
BF002F



400010

Previews

White Background



This preview shows how the Hex color ACC0FE looks on a white background.

Color Contrast Check

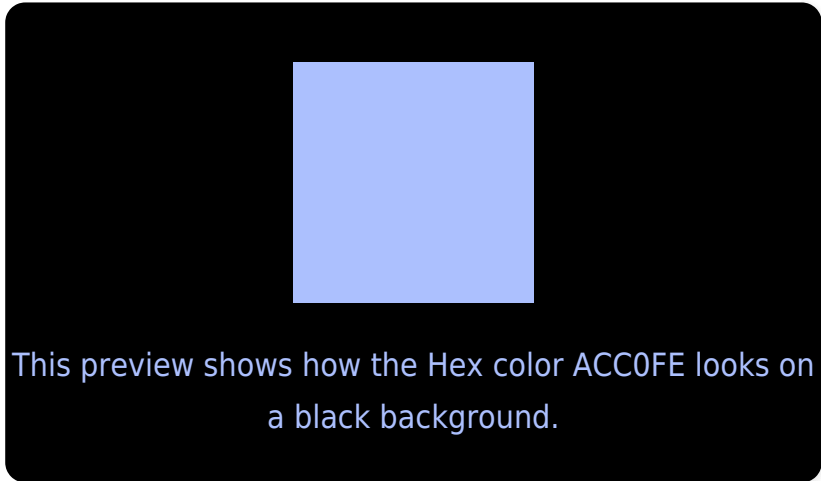
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

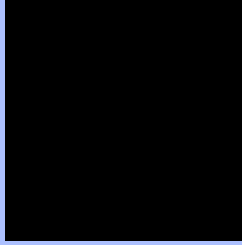
Any Text WCAG AA ✓ Pass

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 ACC0FE Background



This preview shows how black text looks on a background with the Hex color ACC0FE.



This preview shows how white text looks on a background with the Hex color ACC0FE.

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



Original Color
ACC0FE

Protanopia
B0BFFD

Deuteranopia
B3BEFE



Tritanopia
A3C7D7

Trichromacy



Original Color
ACC0FE

Protanomaly
AFBFFD

Deuteranomaly
B0BFFE

Tritanomaly
A6C4E5

Monochromacy



Original Color
ACC0FE

Achromatopsia
C1C1C1

Achromatomaly
B9C1D7

CSS Examples

Text

The CSS property to change the color of the text to Hex ACC0FE 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 #ACC0FE looks like.

```
.text, #text, p{  
    color:#ACC0FE  
}
```

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 #ACC0FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACC0FE
}
```

Border

The CSS property to change the border of an element to Hex ACC0FE 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
#ACC0FE }
```

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

```
.border{ border-color:#ACC0FE }
```

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

Here you see how a box with a 4 pixel #ACC0FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACC0FE; -webkit-box-shadow:4px 4px  
4px 4px #ACC0FE; box-shadow:4px 4px 4px  
4px #ACC0FE }
```

Background

The CSS property to change the background color of an element to Hex ACC0FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACC0FE }
```

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

```
.background{ background-color:#ACC0FE }
```

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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