

Converting Colors

Hex(ECAAFF)

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

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

Color

Hex(ECAAFF)

Conversions

Conversions Part 1

Format	Color
Hex	ECAAFF
RGB	236, 170, 255
RGB Percent	93%, 67%, 100%
CMY	0.0745, 0.3333, 0.0000
CMYK	0.07, 0.33, 0.00, 0.00
HSL	287°, 100%, 83%
HSV	287°, 33%, 100%
XYZ	67.0168, 53.8023, 101.4605
YIQ	199.4240, 12.0510, 40.4270

Conversions

Conversions Part 2

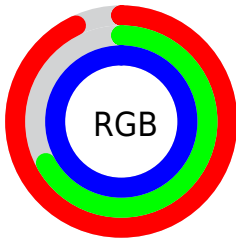
Format	Color
R _Y B	236, 170, 255
Decimal	15510271
CIE Lab	78.35, 38.36, -32.68
CIE LCh	78, 50.395, 319.570
Yxy	53.8023, 0.3015, 0.2420
Android (android.graphics.Color)	4293700351 (0xFFECAAFF)
YUV	199.4240, 27.3990, 32.0772
Hunter-Lab	73.3501, 34.7252, -30.6670

Details

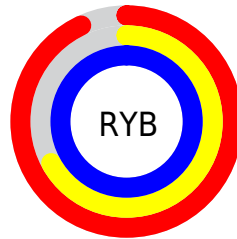
The Hex color **ECAAFF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **BDFFAA**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFE2FF**, and **B375C6** is the 20% darker color. If you saturate the color by 10%, you get **E691FF**, and if you desaturate by 10%, it is **F2C3FF**.

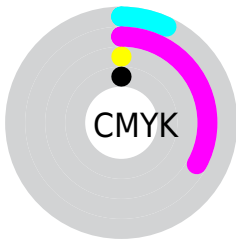
Distribution



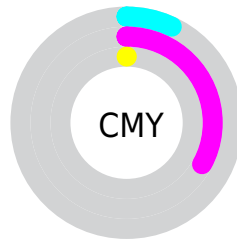
- Red (93%)
- Green (67%)
- Blue (100%)



- Red (93%)
- Yellow (67%)
- Blue (100%)



- Cyan (7%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 ECAAFF

 ECAAFF

FFFFFF

 CF8FE2

 FFE2FF

 B375C6

 985BAB

 7D4290

 632A76

 49105D

 300045

 1C002E

 000118

 ECAAFF

 ECAAFF

 E691FF

 F2C3FF

 E177FF

 F7DDFF

 DB5EFF

 FDF7FF

 D544FF

FFFFFF

 CF2AFF

 CA11FF

 C600FF

Harmonies

Analogous

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



ADBCFF



ECAAFF



FF9DD4

Triad

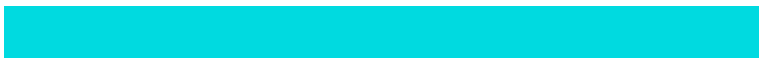
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



ECAAFF



EDB965



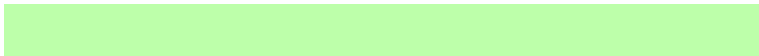
00DAE0

Complementary

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



ECAAFF



BDFFAA

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.



3FD9AF



ECAAFF



C0C967

Square

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



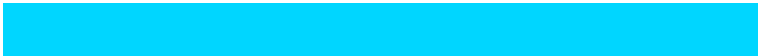
ECAAFF



FFA97C



8AD383



00D6FF

Rectangle

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



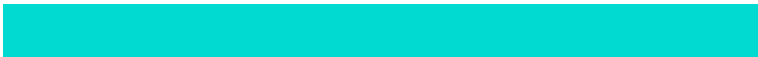
ECAAFF



FF9BB4



8AD383



00DAD0

Sweetspot

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



ECAAFF



F9E6FF



AABEFF



7C7080



000000



808080

Same Dimension

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



ECAAFF



E899FF



FFAAE8



7D7380



9400BF



310040

Inverse Universe

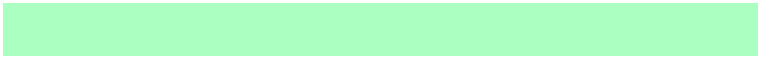
The Inverse Universe completely reimagines the original color for something new.



FFAABD



FF99B0



AAFFC1



807376



BF002B



40000E

Previews

White Background



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

Color Contrast Check

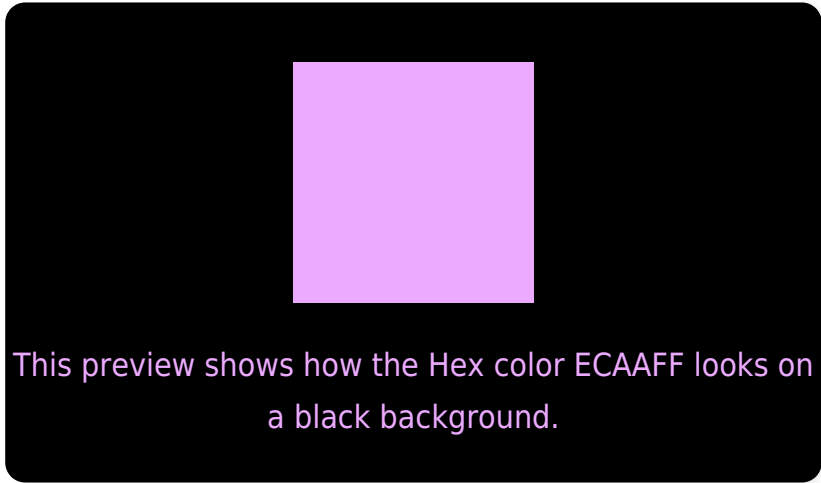
Large Text (above 18pt) WCAG AA × Fail

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 ECAAFF Background



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

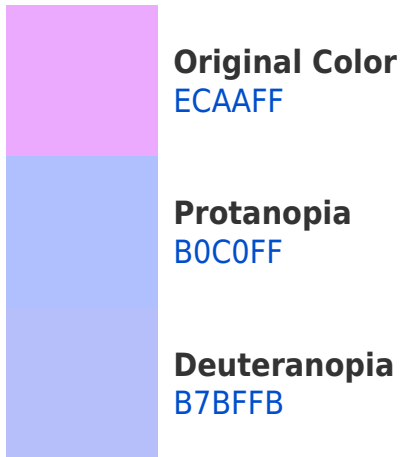


This preview shows how white text looks on a background with the Hex color ECAAFF.

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](#).

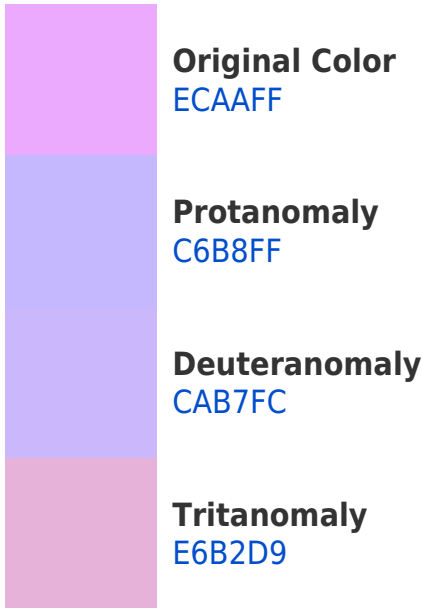
Dichromacy



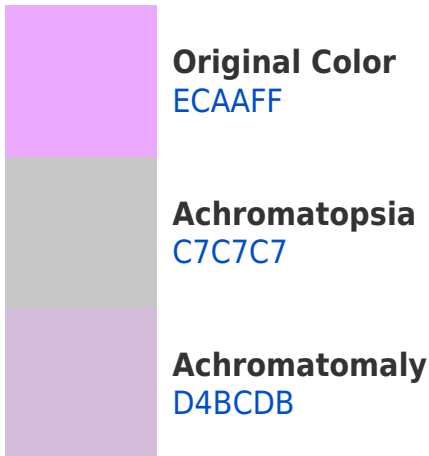


Tritanopia
E3B6C4

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #ECAAFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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