

# Converting Colors

Hex(CAE5FD)

Have a look what the booklet for  
Hex(CAE5FD) contains.

<b>Hex(CAE5FD)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CAE5FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAE5FD
RGB	202, 229, 253
RGB Percent	79%, 90%, 99%
CMY	0.2078, 0.1020, 0.0078
CMYK	0.20, 0.09, 0.00, 0.01
HSL	208°, 93%, 89%
HSV	208°, 20%, 99%
XYZ	70.1061, 75.6870, 103.8426
YIQ	223.6630, -23.7960, 1.7400

# Conversions

## Conversions Part 2

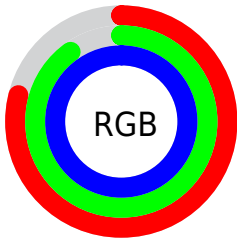
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	202, 220, 253
Decimal	13297149
CIE Lab	89.71, -3.90, -14.60
CIE LCh	90, 15.112, 255.038
Yxy	75.6870, 0.2808, 0.3032
Android (android.graphics.Color)	4291487229 (0xFFCAE5FD)
YUV	223.6630, 14.4631, -18.9985
Hunter-Lab	86.9983, -8.4059, -9.8707

# Details

The Hex color **CAE5FD** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FDE2CA**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFFF**, and **93AEC4** is the 20% darker color. If you saturate the color by 10%, you get **B1D9FD**, and if you desaturate by 10%, it is **E3F1FD**.

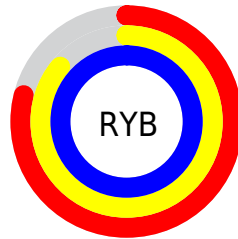
# Distribution



Red (79%)

Green (90%)

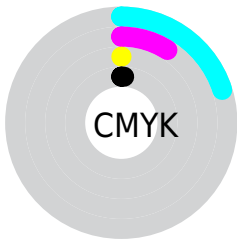
Blue (99%)



Red (79%)

Yellow (86%)

Blue (99%)

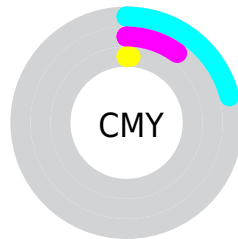


Cyan (20%)

Magenta (9%)

Yellow (0%)

Black (1%)



Cyan (21%)

Magenta (10%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAE5FD 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 CAE5FD by changing the saturation by 10% instead.



■ CAE5FD

FFFFFF

■ CAE5FD

■ AEC9E0

■ 93AEC4

■ 7993A9

■ 5F798F

■ 476175

■ 2F495C

■ 173245

■ 001D2E

■ 00011A

 CAE5FD

 CAE5FD

 B1D9FD

 E3F1FD

 97CDFD

 FDFDFD

 7EC1FD

FFFFFFD

 65B5FD

 4BA9FD

 329EFD

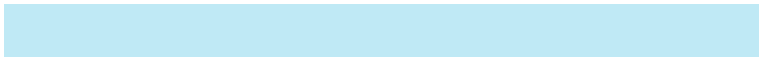
 1992FD

 0086FD

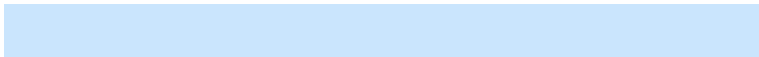
# Harmonies

## Analogous

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



BFE9F5



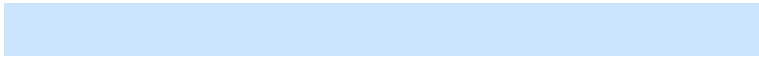
CAE5FD



DBE0FD

# Triad

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



CAE5FD



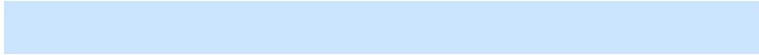
FFD8DB



D5E7CD

# Complementary

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



CAE5FD



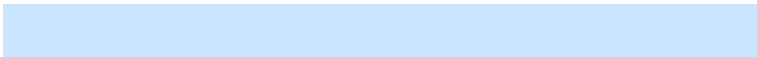
FDE2CA

# 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.



E6E3C6



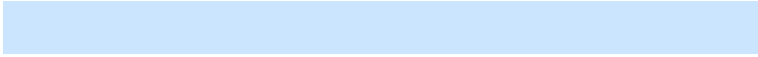
CAE5FD



FEDACE

# Square

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



CAE5FD



FBD8E9



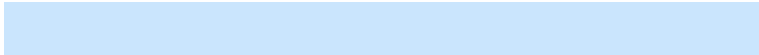
F4DEC6



C6EADA

# Rectangle

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



CAE5FD



E8DDF9



F4DEC6

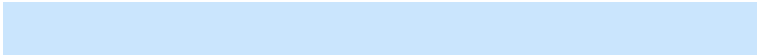


DAE6CA



# Sweetspot

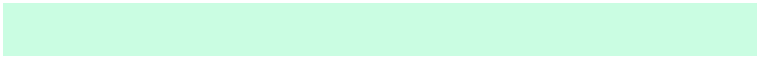
The Sweet Spot groups the original color and five complimentary colors.



CAE5FD



F0F8FF



CAFDE2



777B80



000000

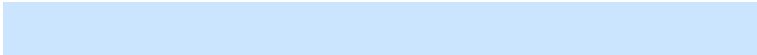


808080

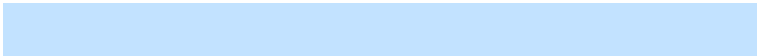


# Same Dimension

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



CAE5FD



C2E2FF



CACCFD



737A80



0065BF



002240



# Inverse Universe

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



FDCAE5



FFC2E2



FDFBCA



80737A



BF0065

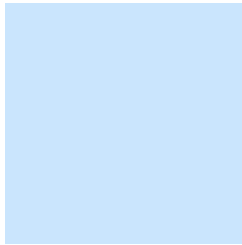


400022



# Previews

## White Background



This preview shows how the Hex color CAE5FD looks on a white background.

## Color Contrast Check

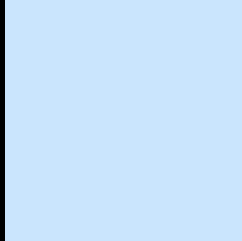
Large Text (above 18pt) WCAG AA × Fail

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 CAE5FD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

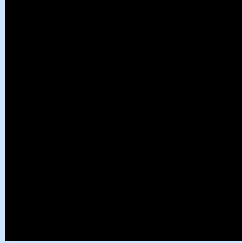
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

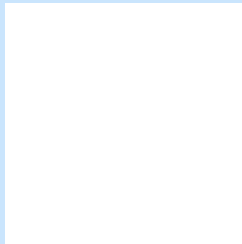
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CAE5FD Background



This preview shows how black text looks on a background with the Hex color CAE5FD.

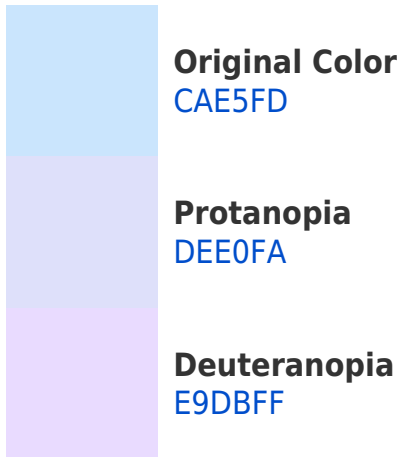


This preview shows how white text looks on a background with the Hex color CAE5FD.

# 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](#).

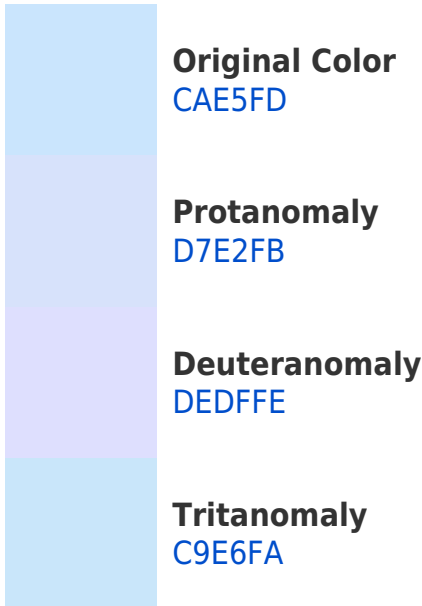
## Dichromacy



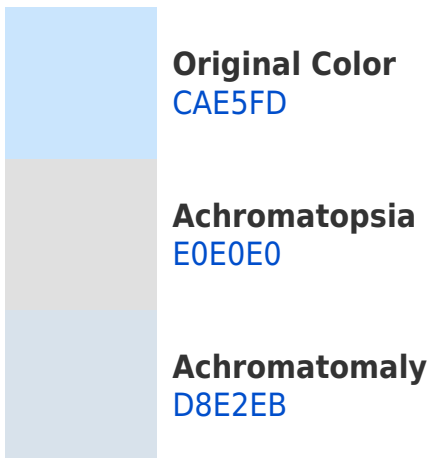


**Tritanopia**  
C9E6F8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAE5FD 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 #CAE5FD looks like.

```
.text, #text, p{  
    color:#CAE5FD  
}
```

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 #CAE5FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAE5FD
}
```

## Border

The CSS property to change the border of an element to Hex CAE5FD 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
#CAE5FD }
```

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

```
.border{ border-color:#CAE5FD }
```

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

Here you see how a box with a 4 pixel #CAE5FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAE5FD; -webkit-box-shadow:4px 4px  
4px 4px #CAE5FD; box-shadow:4px 4px 4px  
4px #CAE5FD }
```

# Background

The CSS property to change the background color of an element to Hex CAE5FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAE5FD }
```

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

```
.background{ background-color:#CAE5FD }
```

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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