

# Converting Colors

Hex(CBF5FA)

Have a look what the booklet for  
Hex(CBF5FA) contains.

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# **Color**

**Hex(CBF5FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBF5FA
RGB	203, 245, 250
RGB Percent	80%, 96%, 98%
CMY	0.2039, 0.0392, 0.0196
CMYK	0.19, 0.02, 0.00, 0.02
HSL	186°, 82%, 89%
HSV	186°, 19%, 98%
XYZ	74.5363, 84.9035, 102.9020
YIQ	233.0120, -26.6370, -7.3490

# Conversions

## Conversions Part 2

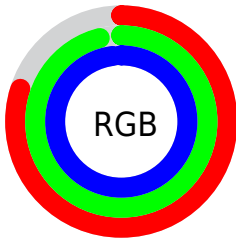
Format	Color
R <sub>Y</sub> B	203, 225, 250
Decimal	13366778
CIE Lab	93.84, -12.37, -6.89
CIE LCh	94, 14.159, 209.105
Yxy	84.9035, 0.2841, 0.3236
Android (android.graphics.Color)	4291556858 (0xFFCBF5FA)
YUV	233.0120, 8.3751, -26.3205
Hunter-Lab	92.1431, -16.8582, -1.7127

# Details

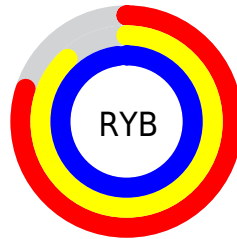
The Hex color **CBF5FA** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FAD0CB**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFFF**, and **94BDC2** is the 20% darker color. If you saturate the color by 10%, you get **B2F2FA**, and if you desaturate by 10%, it is **E4F8FA**.

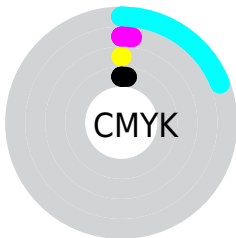
# Distribution



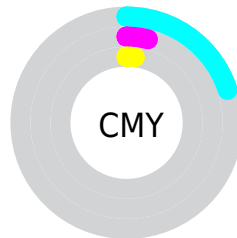
- Red (80%)
- Green (96%)
- Blue (98%)



- Red (80%)
- Yellow (88%)
- Blue (98%)



- Cyan (19%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (20%)
- Magenta (4%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBF5FA 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 CBF5FA by changing the saturation by 10% instead.



 CBF5FA

FFFFFF

 CBF5FA

 AFD9DD

 94BDC2

 7AA2A6

 60878C

 476E73

 2F565A

 163E43

 00282D

 001518

 CBF5FA

 CBF5FA

 B2F2FA

 E4F8FA

 99F0FA

 FDFafa

 80EDFA

 FFFDFA

 67EAFA

 FFFFFA

 4EE8FA

 35E5FA

 1CE2FA

 03E0FA

 00DFFA

# Harmonies

## Analogous

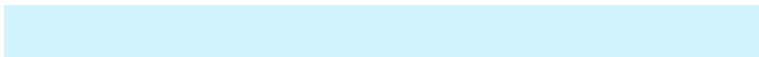
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CFF5EC



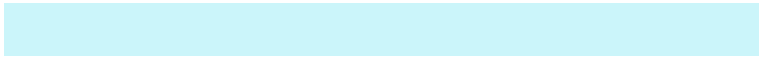
CBF5FA



D1F3FF

# Triad

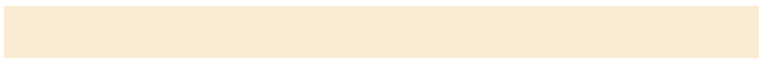
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CBF5FA



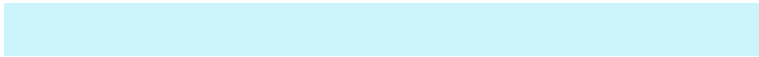
FFE6FC



F9ECD2

# Complementary

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



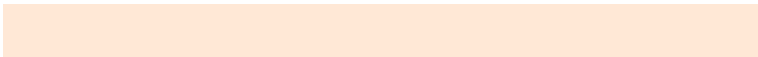
CBF5FA



FAD0CB

# 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.



FFE8D6



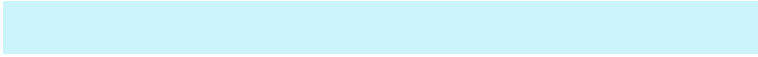
CBF5FA



FFE4EE

# Square

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



CBF5FA



F0EAFF



FFE5E1



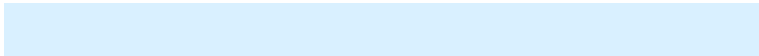
EAF1D5

# Rectangle

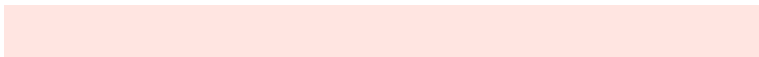
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



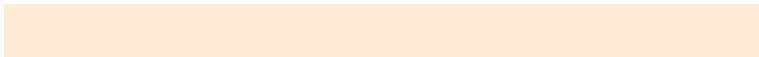
CBF5FA



D9F0FF



FFE5E1

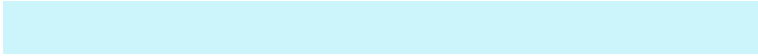


FEEBD3



# Sweetspot

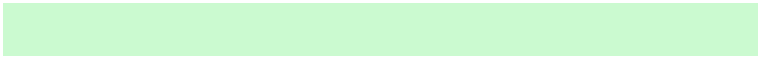
The Sweet Spot groups the original color and five complimentary colors.



CBF5FA



F0DFFF



CBFAD0



777F80



000000

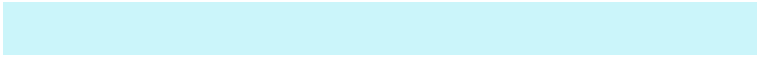


808080

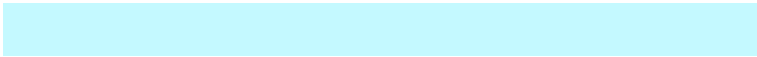


# Same Dimension

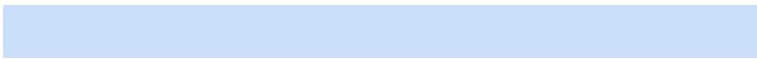
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CBF5FA



C4F9FF



CBDEFA



707C7D



00A9BD



00373D



# Inverse Universe

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



FACBF5



FFC4F9



FAE7CB



7D707C



BD00A9

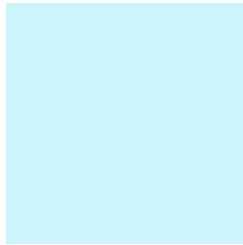


3D0037



# Previews

## White Background



This preview shows how the Hex color CBF5FA looks on a white background.

## Color Contrast Check

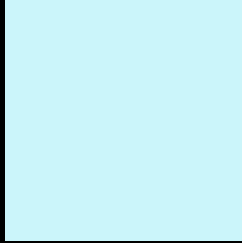
Large Text (above 18pt) WCAG AA × Fail

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 CBF5FA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

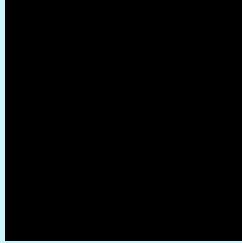
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CBF5FA Background



This preview shows how black text looks on a background with the Hex color CBF5FA.

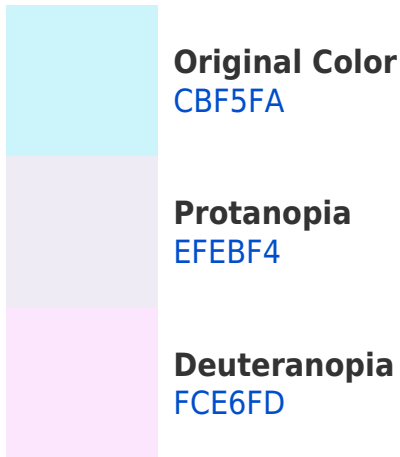


This preview shows how white text looks on a background with the Hex color CBF5FA.

# 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



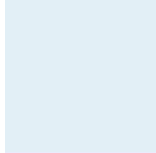


**Tritanopia**  
D8F1FF

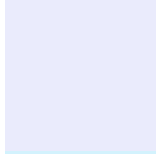
# Trichromacy



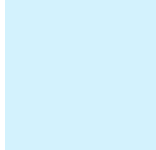
**Original Color**  
CBF5FA



**Protanomaly**  
E2EFF6



**Deuteranomaly**  
EAEBFC

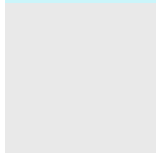


**Tritanomaly**  
D3F2FD

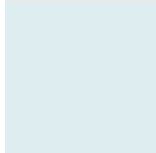
# Monochromacy



**Original Color**  
CBF5FA



**Achromatopsia**  
E9E9E9



**Achromatomaly**  
DEEDEF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBF5FA 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 #CBF5FA looks like.

```
.text, #text, p{  
    color:#CBF5FA  
}
```

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 #CBF5FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBF5FA
}
```

## Border

The CSS property to change the border of an element to Hex CBF5FA 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
#CBF5FA }
```

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

```
.border{ border-color:#CBF5FA }
```

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

Here you see how a box with a 4 pixel #CBF5FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBF5FA; -webkit-box-shadow:4px 4px  
4px 4px #CBF5FA; box-shadow:4px 4px 4px  
4px #CBF5FA }
```

# Background

The CSS property to change the background color of an element to Hex CBF5FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBF5FA }
```

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

```
.background{ background-color:#CBF5FA }
```

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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