

# Converting Colors

Hex(85AAFC)

Have a look what the booklet for  
Hex(85AAFC) contains.

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**Color**

**Hex(85AAFC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85AAFC
RGB	133, 170, 252
RGB Percent	52%, 67%, 99%
CMY	0.4784, 0.3333, 0.0118
CMYK	0.47, 0.33, 0.00, 0.01
HSL	221°, 95%, 75%
HSV	221°, 47%, 99%
XYZ	41.6183, 40.7643, 97.7702
YIQ	168.2850, -48.3740, 17.6580

# Conversions

## Conversions Part 2

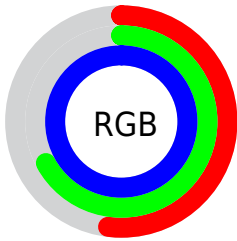
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">133, 161, 252</a>
Decimal	<a href="#">8760060</a>
CIELab	<a href="#">70.01, 8.95, -44.66</a>
CIELCh	<a href="#">70, 45.544, 281.328</a>
Yxy	<a href="#">40.7643, 0.2310, 0.2263</a>
Android (android.graphics.Color)	<a href="#">4286950140 (0xFF85AAFC)</a>
YUV	<a href="#">168.2850, 41.2715, -30.9449</a>
Hunter-Lab	<a href="#">63.8469, 4.6222, -46.0993</a>

# Details

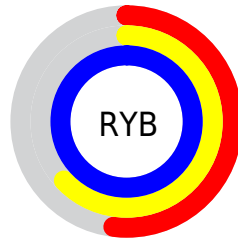
The Hex color **85AAFC** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FCD785**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **BFE1FF**, and **4B76C3** is the 20% darker color. If you saturate the color by 10%, you get **6C99FC**, and if you desaturate by 10%, it is **9EBBFC**.

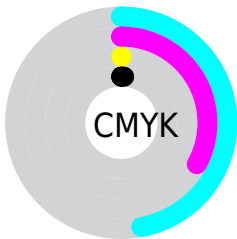
# Distribution



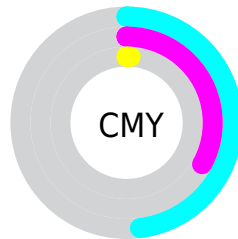
- Red (52%)
- Green (67%)
- Blue (99%)



- Red (52%)
- Yellow (63%)
- Blue (99%)



- Cyan (47%)
- Magenta (33%)
- Yellow (0%)
- Black (1%)



- Cyan (48%)
- Magenta (33%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85AAFC 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 85AAFC by changing the saturation by 10% instead.



 85AAFC

 85AAFC

FFFFFF

 6890DF

 BFE1FF

 4B76C3

 DCFEFF

 295EA7

 FAFFFF

 00478D

 003173

 001D5A

 000042

 00032B

 000115

 85AAFC

 85AAFC

 6C99FC

 9EBBFC

 5387FC

 B7CDFC

 3976FC

 D1DEFC

 2065FC

 EAEFFC

 0753FC

FFFFFC

 004EFC

# Harmonies

## Analogous

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



1AB7F9



85AAFC



C39AE9

# Triad

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



85AAFC



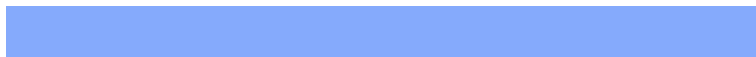
F39176



4FBF8F

# Complementary

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



85AAF8



FCD785

# 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.



88B86B



85AAFC



DAA05D

# Square

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



85AAF8



F8899D



B5AE58



00C1BA

# Rectangle

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



85AAFC



E091D3



B5AE58



64BD82



# Sweetspot

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



85AAFC



DBE6FF



85FCD6



6A7180



000000



808080



# Same Dimension

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



85AAFC



6E9BFF



9B85FC



70747D



003BBD



00133D



# Inverse Universe

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



FC85AA



FF6E9B



E6FC85



7D7074



BD003B



3D0013



# Previews

## White Background



This preview shows how the Hex color 85AAFC looks on a white background.

## Color Contrast Check

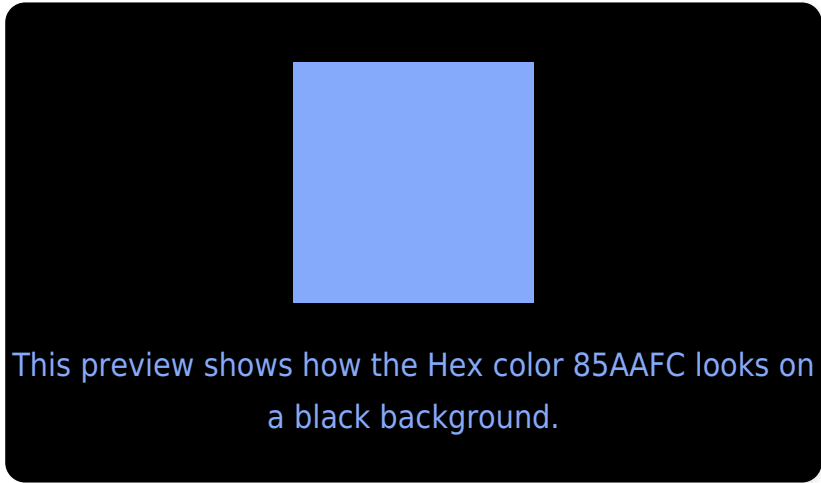
Large Text (above 18pt) WCAG AA × Fail

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

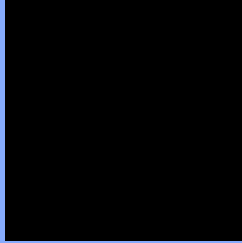
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

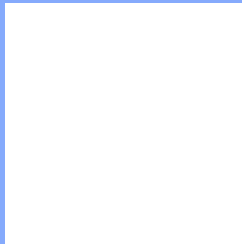
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 85AAFC Background



This preview shows how black text looks on a background with the Hex color 85AAFC.



This preview shows how white text looks on a background with the Hex color 85AAFC.

# 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](#).

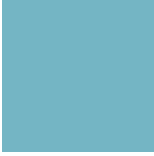
## Dichromacy



**Original Color**  
85AAFC

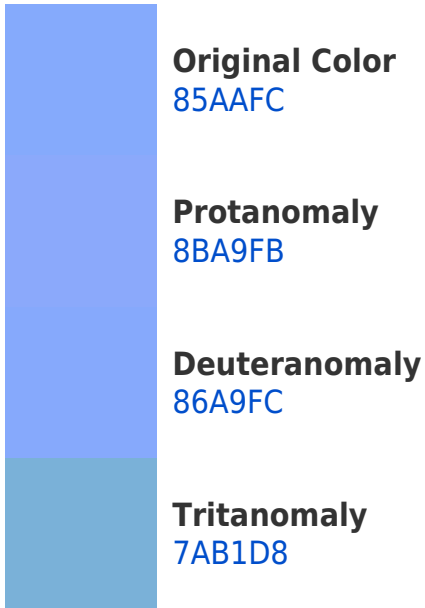
**Protanopia**  
8FA8FA

**Deuteranopia**  
87A9FC

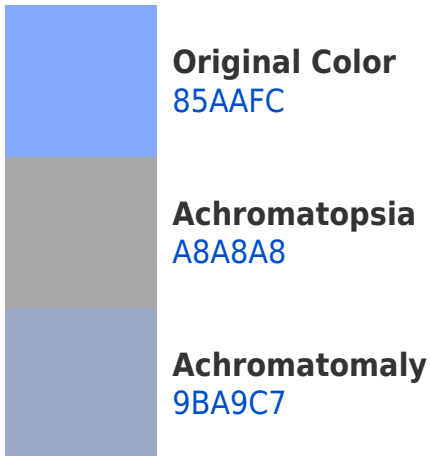


**Tritanopia**  
74B5C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85AAFC 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 #85AAFC looks like.

```
.text, #text, p{  
    color:#85AAFC  
}
```

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 #85AAFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85AAFC
}
```

## Border

The CSS property to change the border of an element to Hex 85AAFC 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
#85AAFC }
```

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

```
.border{ border-color:#85AAFC }
```

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

Here you see how a box with a 4 pixel #85AAFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85AAFC; -webkit-box-shadow:4px 4px  
4px 4px #85AAFC; box-shadow:4px 4px 4px  
4px #85AAFC }
```

# Background

The CSS property to change the background color of an element to Hex 85AAFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85AAFC }
```

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

```
.background{ background-color:#85AAFC }
```

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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