

# Converting Colors

Hex(85A6FF)

Have a look what the booklet for  
Hex(85A6FF) contains.

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# **Color**

**Hex(85A6FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85A6FF
RGB	133, 166, 255
RGB Percent	52%, 65%, 100%
CMY	0.4784, 0.3490, 0.0000
CMYK	0.48, 0.35, 0.00, 0.00
HSL	224°, 100%, 76%
HSV	224°, 48%, 100%
XYZ	41.3591, 39.4790, 100.0481
YIQ	166.2790, -48.2370, 20.6830

# Conversions

## Conversions Part 2

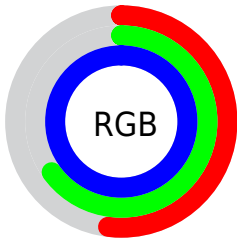
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">133, 159, 255</a>
Decimal	<a href="#">8759039</a>
CIELab	<a href="#">69.10, 12.09, -47.72</a>
CIELCh	<a href="#">69, 49.227, 284.222</a>
Yxy	<a href="#">39.4790, 0.2286, 0.2183</a>
Android (android.graphics.Color)	<a href="#">4286949119</a> ( <a href="#">0xFF85A6FF</a> )
YUV	<a href="#">166.2790, 43.7395, -29.1857</a>
Hunter-Lab	<a href="#">62.8323, 7.5403, -50.4251</a>

# Details

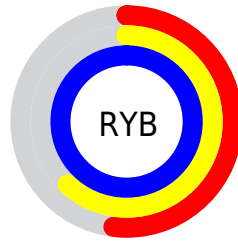
The Hex color **85A6FF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFDE85**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **BFDDFF**, and **4A73C6** is the 20% darker color. If you saturate the color by 10%, you get **6C93FF**, and if you desaturate by 10%, it is **9FB9FF**.

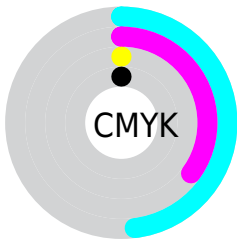
# Distribution



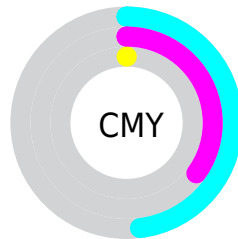
- Red (52%)
- Green (65%)
- Blue (100%)



- Red (52%)
- Yellow (62%)
- Blue (100%)



- Cyan (48%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (35%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85A6FF 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 85A6FF by changing the saturation by 10% instead.



 85A6FF

 85A6FF

FFFFFF

 688CE2

 BFDDFF

 4A73C6

 DDF9FF

 285AAA

 FBFFFF

 00438F

 002E75

 001A5C

 000144

 00032D

 000117

 85A6FF

 85A6FF

 6C93FF

 9FB9FF

 5281FF

 B8CBFF

 396EFF

 D2DEFF

 1F5CFF

 EBF0FF

 0649FF

FFFFFF

 0045FF

# Harmonies

## Analogous

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



00B4FE



85A6FF



C895E9

# Triad

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



85A6FF



F38E6C



35BE8F

# Complementary

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



85A6FF



FFDE85

# 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.



7DB866



85A6FF



D79E52

# Square

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



85A6FF



FD8495



AFAD4F



00BFBD

# Rectangle

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



85A6FF



E58AD0



AFAD4F



53BC80



# Sweetspot

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



85A6FF



DBE5FF



85FFDC



6A7080



000000



808080



# Same Dimension

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



85A6FF



6E95FF



9F85FF



737680



0034BF



001140



# Inverse Universe

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



FF85A6



FF6E95



E5FF85



807376



BF0034

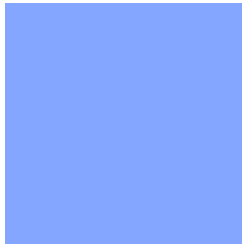


400011



# Previews

## White Background



This preview shows how the Hex color 85A6FF looks on a white background.

## Color Contrast Check

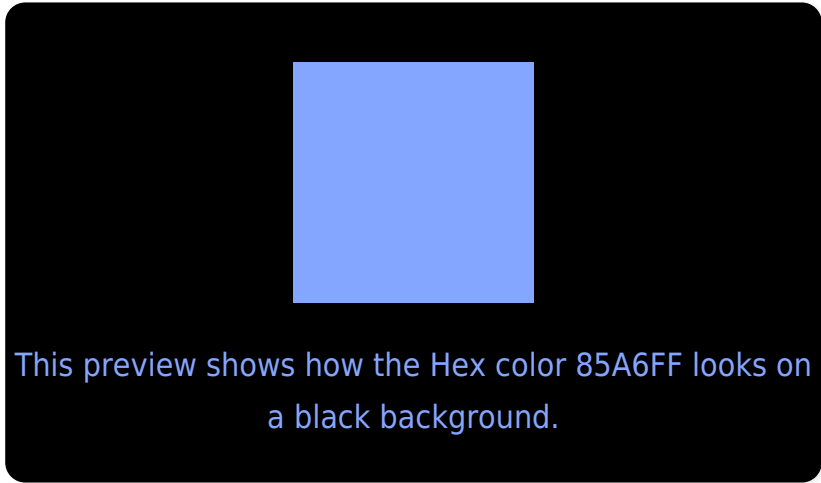
Large Text (above 18pt) WCAG AA × Fail

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

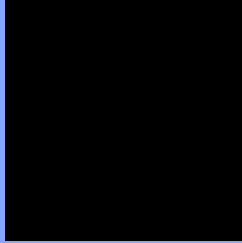
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

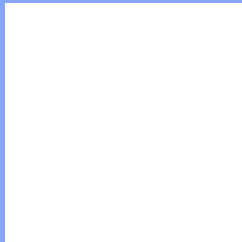
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 85A6FF Background



This preview shows how black text looks on a background with the Hex color 85A6FF.



This preview shows how white text looks on a background with the Hex color 85A6FF.

# 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](#).

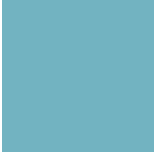
## Dichromacy



**Original Color**  
85A6FF

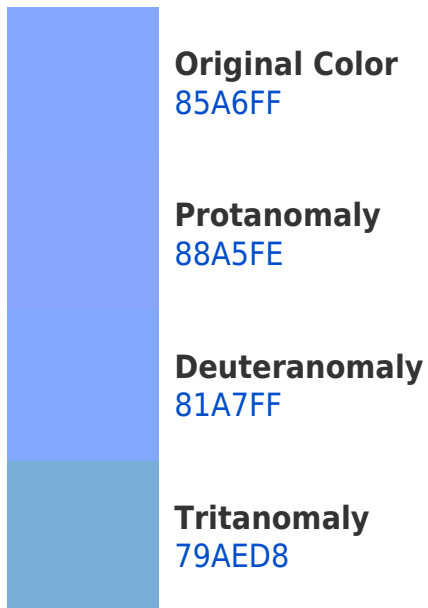
**Protanopia**  
89A5FE

**Deuteranopia**  
7FA7FF

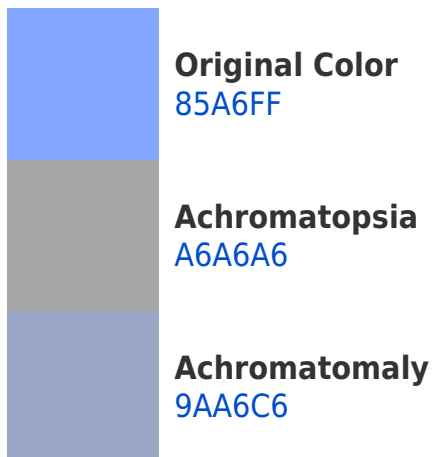


**Tritanopia**  
72B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85A6FF 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 #85A6FF looks like.

```
.text, #text, p{  
    color:#85A6FF  
}
```

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 #85A6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85A6FF
}
```

## Border

The CSS property to change the border of an element to Hex 85A6FF 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
#85A6FF }
```

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

```
.border{ border-color:#85A6FF }
```

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

Here you see how a box with a 4 pixel #85A6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85A6FF; -webkit-box-shadow:4px 4px  
4px 4px #85A6FF; box-shadow:4px 4px 4px  
4px #85A6FF }
```

# Background

The CSS property to change the background color of an element to Hex 85A6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85A6FF }
```

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

```
.background{ background-color:#85A6FF }
```

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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