

# Converting Colors

Hex(88AFE3)

Have a look what the booklet for  
Hex(88AFE3) contains.

<b>Hex(88AFE3)</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(88AFE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88AFE3
RGB	136, 175, 227
RGB Percent	53%, 69%, 89%
CMY	0.4667, 0.3137, 0.1098
CMYK	0.40, 0.23, 0.00, 0.11
HSL	214°, 62%, 71%
HSV	214°, 40%, 89%
XYZ	39.3484, 41.4402, 78.5979
YIQ	169.2670, -39.9360, 7.9040

# Conversions

## Conversions Part 2

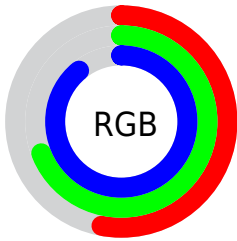
Format	Color
R <sub>Y</sub> B	136, 163, 227
Decimal	8957923
CIE Lab	70.48, -0.12, -30.30
CIE LCh	70, 30.301, 269.766
Yxy	41.4402, 0.2469, 0.2600
Android (android.graphics.Color)	4287148003 (0xFF88AFE3)
YUV	169.2670, 28.4624, -29.1752
Hunter-Lab	64.3741, -3.5471, -27.3286

# Details

The Hex color **88AFE3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E3BC88**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **C0E6FF**, and **517BAB** is the 20% darker color. If you saturate the color by 10%, you get **71A2E3**, and if you desaturate by 10%, it is **9FBCE3**.

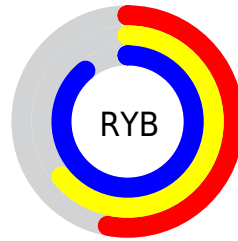
# Distribution



Red (53%)

Green (69%)

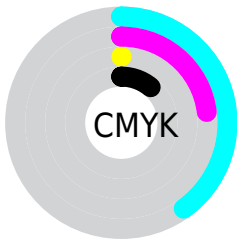
Blue (89%)



Red (53%)

Yellow (64%)

Blue (89%)

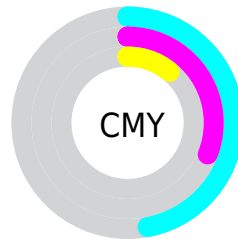


Cyan (40%)

Magenta (23%)

Yellow (0%)

Black (11%)



Cyan (47%)

Magenta (31%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88AFE3 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 88AFE3 by changing the saturation by 10% instead.




 88AFE3

 88AFE3

FFFFFF

 6D94C7

 C0E6FF

 517BAB

 DDFFFF

 366291

 FAFFFF

 154A77

 00345E

 001F46

 000630

 00011A

 000000

88AFE3

88AFE3

71A2E3

9FBCE3

5B95E3

B5C9E3

4488E3

CCD6E3

2D7BE3

E3E3E3

166EE3

FAF0E3

0061E3

FFFDE3

FFFE3

# Harmonies

## Analogous

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



63B7DB



88AFE3



B0A5DC

# Triad

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



88AFE3



E39A92



83B990

# Complementary

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



88AFE3



E3BC88

# 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.



A3B37C



88AFE3



D7A17E

# Square

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



88AFE3



E198AE



C0AB75



64BCAB

# Rectangle

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



88AFE3



C69FD0



C0AB75



8EB788

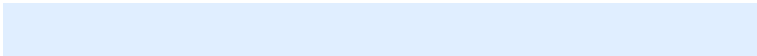


# Sweetspot

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



88AFE3



E0EEFF



88E3BC



6E7580



000000



808080

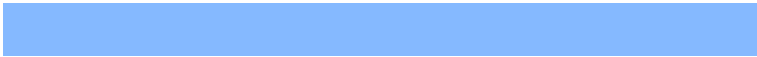


# Same Dimension

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



88AFE3



85B9FF



8E88E3



676C73



004DB3



001633



# Inverse Universe

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



E388AF



FF85B9



DDE388



73676C



B3004D

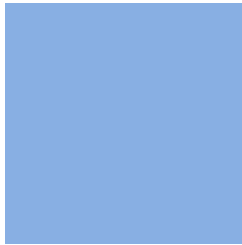


330016



# Previews

## White Background



This preview shows how the Hex color 88AFE3 looks on a white background.

## Color Contrast Check

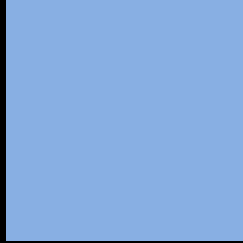
Large Text (above 18pt) WCAG AA × Fail

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 88AFE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

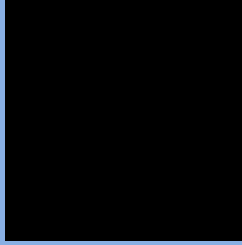
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

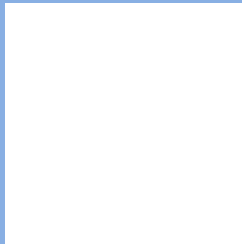
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 88AFE3 Background



This preview shows how black text looks on a background with the Hex color 88AFE3.

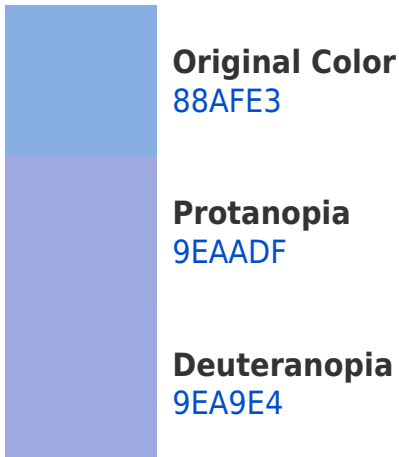


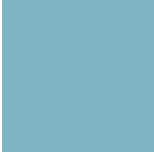
This preview shows how white text looks on a background with the Hex color 88AFE3.

# 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](#).

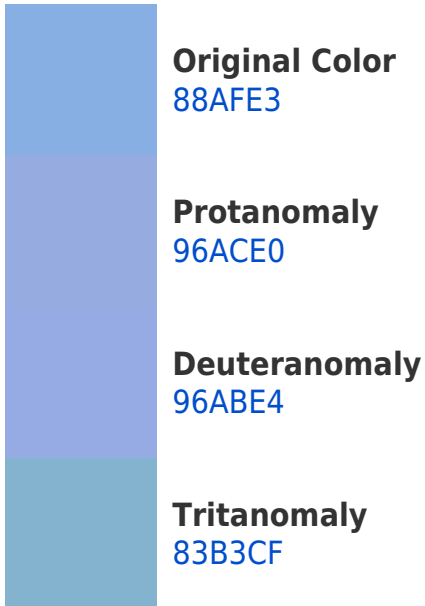
## Dichromacy



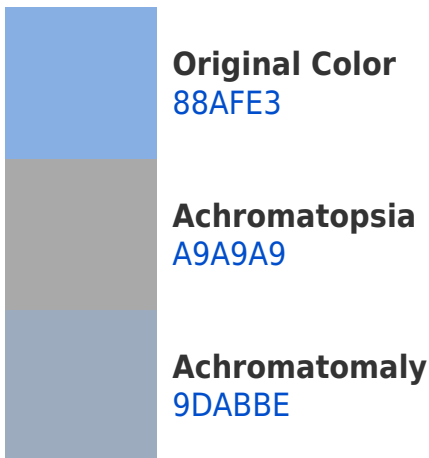


**Tritanopia**  
80B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88AFE3 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 #88AFE3 looks like.

```
.text, #text, p{  
    color:#88AFE3  
}
```

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 #88AFE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88AFE3  
}
```

## Border

The CSS property to change the border of an element to Hex 88AFE3 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  
#88AFE3 }
```

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

```
.border{ border-color:#88AFE3 }
```

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

Here you see how a box with a 4 pixel #88AFE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88AFE3; -webkit-box-shadow:4px 4px  
4px 4px #88AFE3; box-shadow:4px 4px 4px  
4px #88AFE3 }
```

# Background

The CSS property to change the background color of an element to Hex 88AFE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88AFE3 }
```

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

```
.background{ background-color:#88AFE3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor