

Converting Colors

Hex(84A5E8)

Have a look what the booklet for
Hex(84A5E8) contains.

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Color

Hex(84A5E8)

Conversions

Conversions Part 1

Format	Color
Hex	84A5E8
RGB	132, 165, 232
RGB Percent	52%, 65%, 91%
CMY	0.4824, 0.3529, 0.0902
CMYK	0.43, 0.29, 0.00, 0.09
HSL	220°, 68%, 71%
HSV	220°, 43%, 91%
XYZ	37.5363, 37.6420, 81.6312
YIQ	162.7710, -41.1750, 13.8410

Conversions

Conversions Part 2

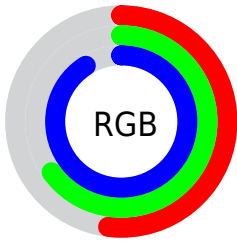
Format	Color
R _Y B	132, 157, 232
Decimal	8693224
CIE Lab	67.76, 5.82, -37.28
CIE LCh	68, 37.734, 278.875
Yxy	37.6420, 0.2394, 0.2400
Android (android.graphics.Color)	4286883304 (0xFF84A5E8)
YUV	162.7710, 34.1299, -26.9862
Hunter-Lab	61.3531, 1.8400, -35.9391

Details

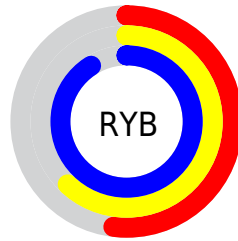
The Hex color **84A5E8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E8C784**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **BCDCFF**, and **4C71B0** is the 20% darker color. If you saturate the color by 10%, you get **6D95E8**, and if you desaturate by 10%, it is **9BB5E8**.

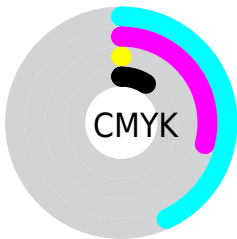
Distribution



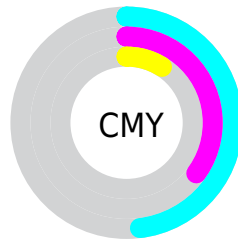
- Red (52%)
- Green (65%)
- Blue (91%)



- Red (52%)
- Yellow (62%)
- Blue (91%)



- Cyan (43%)
- Magenta (29%)
- Yellow (0%)
- Black (9%)



- Cyan (48%)
- Magenta (35%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84A5E8 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 84A5E8 by changing the saturation by 10% instead.

84A5E8

84A5E8

FFFFFF

688BCC

BCDCFF

4C71B0

D9F8FF

2F5995

F7FFFF

05427B

002C62

00194A

000433

00021D

000000

■ 84A5E8

■ 84A5E8

■ 6D95E8

■ 9BB5E8

■ 5686E8

■ B2C4E8

■ 3E76E8

■ CAD4E8

■ 2767E8

■ E1E3E8

■ 1057E8

■ F8F3E8

■ 004DE8

■ FFFFE8

Harmonies

Analogous

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



46AFE4



84A5E8



B699DA

Triad

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



84A5E8



E3907C



62B58B

Complementary

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



84A5E8



E8C784

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.



8CB06F



84A5E8



D09B66

Square

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



84A5E8



E78A9C



B1A661



2EB7AE

Rectangle

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



84A5E8



CF91C9



B1A661



71B481

Sweetspot

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



84A5E8



DEE9FF



84E8C7



6B7280



000000



808080

Same Dimension

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



84A5E8



7AA6FF



9584E8



676B73



003BB3



001133

Inverse Universe

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



E884A5



FF7AA6



D7E884



73676B



B3003B



330011

Previews

White Background



This preview shows how the Hex color 84A5E8 looks on a white background.

Color Contrast Check

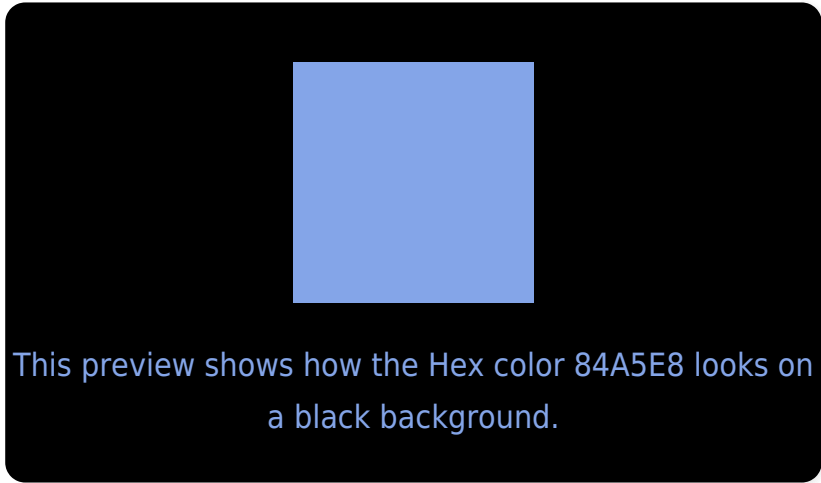
Large Text (above 18pt) WCAG AA × Fail

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

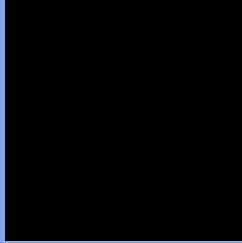
Any Text WCAG AA ✓ Pass

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 84A5E8 Background



This preview shows how black text looks on a background with the Hex color 84A5E8.



This preview shows how white text looks on a background with the Hex color 84A5E8.

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
84A5E8

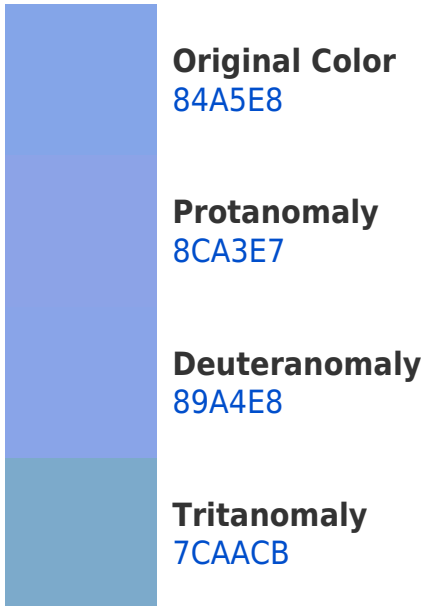
Protanopia
90A2E6

Deuteranopia
8CA3E8

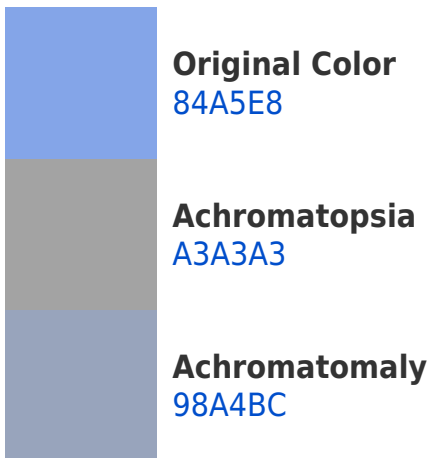


Tritanopia
78ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84A5E8 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 #84A5E8 looks like.

```
.text, #text, p{  
    color:#84A5E8  
}
```

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 #84A5E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84A5E8
}
```

Border

The CSS property to change the border of an element to Hex 84A5E8 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
#84A5E8 }
```

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

```
.border{ border-color:#84A5E8 }
```

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

Here you see how a box with a 4 pixel #84A5E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84A5E8; -webkit-box-shadow:4px 4px  
4px 4px #84A5E8; box-shadow:4px 4px 4px  
4px #84A5E8 }
```

Background

The CSS property to change the background color of an element to Hex 84A5E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84A5E8 }
```

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

```
.background{ background-color:#84A5E8 }
```

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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